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SALUS POPULI SUPREMA LEX ESTO

"The welfare of the people shall be the supreme law."



ROBIN CARNAHAN
SECRETARY OF STATE

MISSOURI
REGISTER

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Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please check out the website at <http://www.sos.mo.gov/adrules/pubsched.asp>

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HOW TO CITE RULES AND RSMo

RULES—Cite material in the *Missouri Register* by volume and page number, for example, Vol. 28, *Missouri Register*, page 27. The approved short form of citation is 28 MoReg 27.

The rules are codified in the *Code of State Regulations* in this system—

Title	Code of State Regulations	Division	Chapter	Rule
1 Department	CSR	10- Agency, Division	1. General area regulated	010 Specific area regulated

They are properly cited by using the full citation , i.e., 1 CSR 10-1.010.

Each department of state government is assigned a title. Each agency or division within the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraph 1., subparagraph A., part (I), subpart (a), item I. and subitem a.

RSMo—The most recent version of the statute containing the section number and the date.

Rules appearing under this heading are filed under the authority granted by section 536.025, RSMo 2000. An emergency rule may be adopted by an agency if the agency finds that an immediate danger to the public health, safety, or welfare, or a compelling governmental interest requires emergency action; follows procedures best calculated to assure fairness to all interested persons and parties under the circumstances; follows procedures which comply with the protections extended by the Missouri and the United States Constitutions; limits the scope of such rule to the circumstances creating an emergency and requiring emergency procedure, and at the time of or prior to the adoption of such rule files with the secretary of state the text of the rule together with the specific facts, reasons, and findings which support its conclusion that there is an immediate danger to the public health, safety, or welfare which can be met only through the adoption of such rule and its reasons for concluding that the procedure employed is fair to all interested persons and parties under the circumstances.

Rules filed as emergency rules may be effective not less than ten (10) days after filing or at such later date as may be specified in the rule and may be terminated at any time by the state agency by filing an order with the secretary of state fixing the date of such termination, which order shall be published by the secretary of state in the Missouri Register as soon as practicable.

All emergency rules must state the period during which they are in effect, and in no case can they be in effect more than one hundred eighty (180) calendar days or thirty (30) legislative days, whichever period is longer. Emergency rules are not renewable, although an agency may at any time adopt an identical rule under the normal rulemaking procedures.

ment, the decreased fee requirement will not be effective in time for the renewal notice and the board will collect more revenue than it is statutorily authorized to collect.

The scope of the emergency amendment is limited to the circumstances creating the emergency and complies with the protections extended in the Missouri and United States Constitutions. In developing this emergency amendment, the board has determined that the fee decrease is necessary for the 2012 renewal period to prevent funds from exceeding the maximum fund balance thereby resulting in a transfer from the fund to general revenue as set forth in section 338.070.3, RSMo. Pursuant to section 324.001.10, RSMo, a compelling governmental interest is deemed to exist for the purposes of section 536.025, RSMo, for licensure fees to be reduced by emergency rulemaking, if the projected fund balance of any agency assigned to the Division of Professional Registration is reasonably expected to exceed an amount that would require transfer from that fund to general revenue. The board believes this emergency amendment to be fair to all interested parties under the circumstances. This emergency amendment was filed July 6, 2012, becomes effective July 31, 2012, and expires February 28, 2013.

(1) The following fees are established by the State Board of Pharmacy:

(D) Pharmacist License Renewal Fee	\$/225] 200
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AUTHORITY: sections 338.020, 338.040, 338.060, 338.070, [338.140,] 338.185, 338.280, and 338.350, RSMo 2000, and sections [338.013,] 338.035, 338.140, [and] 338.220, and 338.335, RSMo Supp. [2007] 2011. This rule originally filed as 4 CSR 220-4.010. Emergency rule filed July 15, 1981, effective Aug. 3, 1981, expired Nov. 11, 1981. Original rule filed Aug. 10, 1981, effective Nov. 12, 1981. For intervening history, please consult the **Code of State Regulations**. Emergency amendment filed July 6, 2012, effective July 31, 2012, expires Feb. 28, 2013. A proposed amendment covering this same material is published in this issue of the Missouri Register.

Title 20—DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS AND PROFESSIONAL REGISTRATION

Division 2220—State Board of Pharmacy Chapter 4—Fees Charged by the Board of Pharmacy

EMERGENCY AMENDMENT

20 CSR 2220-4.010 General Fees. The board is amending subsection (1)(D).

PURPOSE: This amendment reduces the pharmacist license renewal fee.

EMERGENCY STATEMENT: The Board of Pharmacy is statutorily obligated to enforce and administer the provisions of Chapter 338, RSMo, governing the practice of pharmacy. Pursuant to section 338.070, RSMo, the board shall set the appropriate amount of fees by rule, so that the revenue produced shall not substantially exceed the cost and expense of administering the provisions of Chapter 338, RSMo. Therefore, the board is proposing to decrease the biennial pharmacist renewal fee from two hundred twenty-five dollars (\$225) to two hundred dollars (\$200).

Pharmacist licenses expire on October 31, 2012. The renewal notice for pharmacists will be mailed August 1, 2012, and any pharmacists renewing their license beginning August 1, 2012 will be assessed the decreased renewal fee. Without this emergency amend-

Under this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbol—*logy* under the heading of the proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety (90)-day-count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

concerning this rulemaking can be found at the Missouri Department of Natural Resources' Environmental Regulatory Agenda website, www.dnr.mo.gov/regs/index.html.

PURPOSE: *This rule defines key words and expressions used in Chapters 1 through 6 and provides common reference tables. This amendment will provide a maintenance update to add definitions needed for other rulemakings filed while the general definitions rule was being changed and remove obsolete definitions. In addition, several non-substantive error corrections and clarifications will be made. The evidence supporting the need for this proposed rulemaking, per 536.016, RSMo, is the public hearing testimony for this rulemaking.*

(2) Definitions.

(A) All terms beginning with /"JA./"

1. Abatement project designer—An individual who designs or plans Asbestos Hazard Emergency Response Act (AHERA) asbestos abatement.

2. ABS plastic solvent welding—A process to weld acrylonitrile-butadiene-styrene pipe.

3. Account certificate of representation—The completed and signed submission for certifying the designation of a nitrogen oxides (NO_x) authorized account representative for an affected unit or a group of identified affected units who is authorized to represent the owners or operators of such unit(s) and of the affected units at such source(s) with regard to matters under a NO_x trading program.

4. Account holder—Any person that chooses to participate in the emission reduction credit (ERC) program by generating, buying, selling, or trading /emission reduction credits (J/ERCS/J).

5. Account number—The identification number given to each NO_x allowance tracking system account.

6. Acid rain emissions limitation—As defined in 40 CFR 72.2, a limitation on emissions of sulfur dioxide or nitrogen oxides under the acid rain program under Title IV of the Clean Air Act.

7. Acrylonitrile-butadiene-styrene (ABS) plastic solvent welding—A process to weld ABS pipe.]

8. Active collection system—A gas collection system that uses gas mover equipment.

9. Active landfill—A landfill in which solid waste is being placed or a landfill that is planned to accept waste in the future.

10. Activity level—A measurable factor or parameter that relates directly or indirectly to the emissions of an air pollution source. Depending on the source category, activity information includes, but is not limited to, the amount of fuel combusted, raw material processed, product manufactured, or material handled or processed. For the purpose of 10 CSR 10-6.410, activity level is the amount of activity at a source measured in terms of production, use, raw materials input, vehicle miles traveled, or other similar units that have a direct correlation with the economic output of the source and is not affected by changes in the emissions rate (i.e., mass per unit of activity).

11. Actual emissions—The actual rate of emissions of a pollutant from a source operation is determined as follows:

A. Actual emissions as of a particular date shall equal the average rate, in tons per year, at which the source operation or installation actually emitted the pollutant during the previous two (2)-year period and which represents normal operation. A different time period for averaging may be used if the director determines it to be more representative. Actual emissions shall be calculated using actual operating hours, production rates, and types of materials processed, stored, or combusted during the selected time period;

B. The director may presume that source-specific allowable

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

(Bracketed text indicates matter being deleted.)

Title 10—DEPARTMENT OF NATURAL RESOURCES
Division 10—Air Conservation Commission
Chapter 6—Air Quality Standards, Definitions, Sampling
and Reference Methods and Air Pollution Control
Regulations for the Entire State of Missouri

PROPOSED AMENDMENT

10 CSR 10-6.020 Definitions and Common Reference Tables. The commission proposes to amend subsections (2)(A), (2)(C)–(2)(E), (2)(I), (2)(M), (2)(T)–(2)(Z), and (3)(C). If the commission adopts this rule action, it will be the department's intention to submit this rule amendment to the U.S. Environmental Protection Agency to replace the current rule that is in the Missouri State Implementation Plan. The evidence supporting the need for this proposed rulemaking is available for viewing at the Missouri Department of Natural Resources' Air Pollution Control Program at the address listed in the Notice of Public Hearing at the end of this rule. More information

emissions for a source operation or installation are equivalent to the actual emissions of the source operation or installation; and

C. For source operations or installations, which have not begun normal operations on the particular date, actual emissions shall equal the potential emissions of the source operation or installation on that date.

[11. Adequately wet—To sufficiently mix or penetrate with liquid to prevent the release of particulates. If visible emissions are observed coming from asbestos-containing material, then that material has not been adequately wetted. However, the absence of visible emissions is not sufficient evidence of being adequately wet.]

12. Adhesion primer—A coating that is applied to a polyolefin part to promote the adhesion of a subsequent coating. An adhesion primer is clearly identified as an adhesion primer or adhesion promoter on its material safety data sheet.

13. Adhesive—Any chemical substance that is applied for the purpose of bonding two (2) surfaces together other than by mechanical means. For the purpose of 10 CSR 10-5.330 *[only]*, an adhesive is considered a surface coating.

14. Adhesive application process—A series of one (1) or more adhesive applicators and any associated drying area and/or oven wherein an adhesive is applied, dried, and/or cured. An application process ends at the point where the adhesive is dried or cured, or prior to any subsequent application of a different adhesive. It is not necessary for an application process to have an oven or flash-off area.

15. Adhesive primer—A product intended by the manufacturer for application to a substrate, prior to the application of an adhesive, to provide a bonding surface.

16. Administrator—The regional administrator for Region VII, U.S. Environmental Protection Agency *[(EPA)]*. For the purpose of 10 CSR 10-6.360 *[only]*, administrator is the administrator of the U.S. Environmental Protection Agency or the administrator's duly-authorized representative.

17. Adsorption cycle—The period during which the adsorption system is adsorbing and not desorbing.

18. Adverse impact on visibility—The visibility impairment which interferes with the protection, preservation, management, or enjoyment of the visitor's visual experience of a Class I area, which is an area designated as Class I in 10 CSR 10-6.060(11)(A) Table 1. This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency, and time of visibility impairments and how these factors correlate with the times of visitor use of the Class I area and the frequency and timing of natural conditions that reduce visibility.

19. Aerospace manufacture and/or rework facility—Any installation that produces, reworks, or repairs in any amount any commercial, civil, or military aerospace vehicle or component.

20. Aerospace vehicle or component—Any fabricated part, processed part, assembly of parts, or completed unit, with the exception of electronic components, of any aircraft.

21. Affected federal land manager—**For the purpose of 10 CSR 10-6.300, [7]the** federal agency or the federal official charged with direct responsibility for management of an area designated as Class I under the Clean Air Act (42 U.S.C. 7472) that is located within one hundred kilometers (100 km) of the proposed federal action.

22. Affected source—A source that includes one (1) or more emission units subject to emission reduction requirements or limitations under Title IV of the Act. For the purpose of 10 CSR 10-5.530 *[only]*, affected source is a wood furniture manufacturing facility that meets the criteria listed in subsections (1)(A) and (1)(B) of 10 CSR 10-5.530.

23. Affected states—All states contiguous to the permitting state whose air quality may be affected by the modification, renewal, or issuance of, or is within fifty (50) miles of, a source subject to permitting under Title V of the Act.

24. Affected unit—A unit that is subject to emission reduction requirements or limitations under Title IV of the Act.

25. Affiliate—Any person, including an individual, corporation, service company, corporate subsidiary, firm, partnership, incorporated or unincorporated association, political subdivision including a public utility district, city, town, county, or a combination of political subdivisions, that directly or indirectly, through one (1) or more intermediaries, controls, is controlled by, or is under common control with the regulated electrical corporation.

[26. AHERA—See Asbestos Hazard Emergency Response Act.]

[27.]26. Air cleaning device—Any method, process, or equipment which removes, reduces, or renders less obnoxious air contaminants discharged into the ambient air.

[28.]27. Air contaminant—Any particulate matter or any gas or vapor or any combination of them.

[29.]28. Air contaminant source—Any and all sources of emission of air contaminants whether privately or publicly owned or operated.

[30.]29. Air-dried coating—The coatings which are dried by the use of air or forced warm air at temperatures up to ninety degrees Celsius (90 °C) (one hundred ninety-four degrees Fahrenheit (194 °F)).

30. Air emissions reporting rule (AERR)—The U.S. Environmental Protection Agency rule that finalized changes to emission reporting requirements in 40 CFR 51 (*Federal Register*, December 18, 2008).

31. Air pollutant—Agent, or combination of agents, including any physical, chemical, biological, radioactive (including source material, special nuclear material, and by-product material) substance, or matter which is emitted into or otherwise enters the ambient air. Such term includes any precursors to the formation of any air pollutant, to the extent the administrator of the U.S. Environmental Protection Agency, or the administrator's duly authorized representative has identified such precursor(s) for the particular purpose for which the term *"/air pollutant/"* is used.

32. Air pollution—The presence in the ambient air of one (1) or more air contaminants in quantities, of characteristics, and of a duration which directly and approximately cause or contribute to injury to human, plant, or animal life or health, or to property or which unreasonably interfere with the enjoyment of life or use of property.

33. Air pollution alert—The level of an air pollution episode known as an air pollution alert is that condition when the concentration of air contaminants reaches the level at which the first stage control actions are to begin.

34. Air Stagnation Advisory—A special bulletin issued by the National Weather Service entitled *"/Air Stagnation Advisory,"/* which is used to warn air pollution control agencies that stagnant atmospheric conditions are expected which could cause increased concentrations of air contaminants near the ground.

35. Air-tight cleaning system—A degreasing machine that is automatically operated and seals at a differential pressure no greater than one-half (0.5) pound per square inch gauge (psig) during all cleaning and drying cycles.

36. Airless cleaning system—A degreasing machine that is automatically operated and seals at a differential pressure of twenty-five (25) torr (twenty-five millimeters of mercury (25 mmHg) (0.475 pounds per square inch (psi)) or less, prior to the introduction of solvent vapor into the cleaning chamber and maintains differential pressure under vacuum during all cleaning and drying cycles.

37. Alcohol—Refers to isopropanol, isopropyl alcohol, normal propyl alcohol, or ethanol.

38. Alcohol substitutes—Nonalcohol additives that contain volatile organic compounds *[(VOCs)]* and are used in the fountain solution.

39. Allocate or allocation—The determination by the director or the administrator of the number of NO_x allowances to be initially credited to a NO_x budget unit or an allocation set-aside.

40. Allowable emissions—The emission rate calculated using the maximum rated capacity of the installation (unless the source is subject to enforceable permit conditions which limit the operating rate or hours of operation, or both) and the most stringent of the following:

- A. Emission limit established in any applicable emissions control rule including those with a future compliance date; or
- B. The emission rate specified as a permit condition.

41. Allowance—An authorization, allocated to an affected unit by the administrator under Title IV of the Act, to emit, during or after a specified calendar year, one (1) ton of sulfur dioxide (SO_2).

42. Alternate authorized account representative—The alternate person who is authorized by the owners or operators of the unit to represent and legally bind each owner and operator in matters pertaining to the Emissions Banking and Trading Program or any other trading program in place of the authorized account representative.

43. Alternate site analysis—An analysis of alternative sites, sizes, production processes, and environmental control techniques for the proposed source which demonstrates that benefits of the proposed installation significantly outweigh the environmental and social costs imposed as a result of its location, construction, or modification.

44. Alternative method—Any method of sampling and analyzing for an air pollutant that is not a reference or equivalent method but that has been demonstrated to the director's satisfaction to, in specific cases, produce results adequate for a determination of compliance.

45. Ambient air—All space outside of buildings, stacks, or exterior ducts.

46. Ambient air increments—The limited increases of pollutant concentrations in ambient air over the baseline concentration.

47. Ancillary refueling system—Any gasoline-dispensing installation, including related equipment, that shares a common storage tank with an initial fueling system. The purpose of an ancillary refueling system is to refuel in-use motor vehicles equipped with onboard refueling vapor recovery (*(ORVR)*) at automobile assembly plants.

48. Animal matter—Any product or derivative of animal life.

49. Anode bake plant—A facility which produces carbon anodes for use in a primary aluminum reduction installation.

50. Antifoulant coating—A coating applied to the underwater portion of a pleasure craft to prevent or reduce the attachment of biological organisms and registered with the U.S. Environmental Protection Agency (*(EPA)*) as a pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (7 United States Code Section 136).

51. Antifoulant sealer/tie coating—A coating applied over biocidal antifoulant coating for the purpose of preventing release of biocides into the environment and/or to promote adhesion between an antifoulant and a primer or other antifoulant.

52. Antique aerospace vehicle or component—An aircraft or component thereof that was built at least thirty (30) years ago. An antique aerospace vehicle would not routinely be in commercial or military service in the capacity for which it was designed.

53. Applicability analysis—The process of determining if the federal action must be supported by a conformity determination.

54. Applicable implementation plan or applicable state implementation plan (SIP)—The portion (or portions) of the SIP or most recent revision thereof, which has been approved under section 110(k) of the Act, a federal implementation plan promulgated under section 110(c) of the Act, or a plan promulgated or approved pursuant to section 301(d) of the Act (tribal implementation plan) and which implements the relevant requirements of the Act.

55. Applicable requirement—All of the following listed in the Act:

- A. Any standard or requirement provided for in the implementation plan approved or promulgated by *(EPA)* the U.S. Environmental Protection Agency through rulemaking under Title

I of the Act that implements the relevant requirements, including any revisions to that plan promulgated in 40 CFR 52;

B. Any term or condition of any preconstruction permit issued pursuant to regulations approved or promulgated through rulemaking under Title I, including part C or D of the Act;

C. Any standard or requirement under section 111 of the Act, including section 111(d);

D. Any standard or requirement under section 112 of the Act, including any requirement concerning accident prevention under section 112(r)(7);

E. Any standard or requirement of the acid rain program under Title IV of the Act or the regulations promulgated under it;

F. Any requirements established pursuant to section 504(b) or section 114(a)(3) of the Act;

G. Any standard or requirement governing solid waste incineration under section 129 of the Act;

H. Any standard or requirement for consumer and commercial products under section 183(e) of the Act;

I. Any standard or requirement for tank vessels under section 183(f) of the Act;

J. Any standard or requirement of the program to control air pollution from outer continental shelf sources under section 328 of the Act;

K. Any standard or requirement of the regulations promulgated to protect stratospheric ozone under Title VI of the Act, unless the administrator has determined that these requirements need not be contained in a Title V permit;

L. Any national ambient air quality standard or increment or visibility requirement under part C of Title I of the Act, but only as it would apply to temporary sources permitted pursuant to section 504(e); and

M. Any standard or requirement established in *(sections)* 643.010–643.190, RSMo, of the Missouri Air Conservation Law and rules adopted under them.

56. Approved source—*(A)* For the purpose of 10 CSR 10-5.120, a source of fuel which has been found by the department director, after the tests as s/he may require, to be in compliance with applicable rules.

57. Aqueous solvent—A solvent in which water is the primary ingredient (greater than eighty percent (80%) by weight or greater than sixty percent (60%) by volume of solvent solution as applied must be water). Detergents, surfactants, and bioenzyme mixtures and nutrients may be combined with the water along with a variety of additives such as organic solvents (e.g., high boiling point alcohols), builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must have a flash point greater than ninety-three degrees Celsius (93 °C) (two hundred degrees Fahrenheit (200 °F)) (as reported by the manufacturer) and the solution must be miscible with water.

58. Architectural coating—A coating recommended for field application to stationary structures and their appurtenances, to portable buildings, to pavements, or to curbs. This definition excludes adhesives and coatings recommended by the manufacturer or importer solely for shop applications or solely for application to non-stationary structures, such as airplanes, ships, boats, and railcars.

59. Area—Any or all regions within the boundaries of the state of Missouri, as specified.

60. Area of the state—Any geographical area designated by the commission.

61. Area-wide air quality modeling analysis—An assessment on a scale that includes the entire nonattainment or maintenance area using an air quality dispersion model or photochemical grid model to determine the effects of emissions on air quality; for example, an assessment using *(EPA's)* the U.S. Environmental Protection Agency's community multi-scale air quality (CMAQ) modeling system.

62. As applied—The *[VOC] volatile organic compound* and solids content of the finishing material that is actually used for coating the substrate. It includes the contribution of materials used for in-house dilution of the finishing material.

63. Asbestos—The asbestosiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

64. Asbestos abatement—The encapsulation, enclosure, or removal of asbestos-containing materials, in or from a building, or air contaminant source; or preparation of friable asbestos-containing material prior to demolition.

[65. Asbestos abatement contractor—Any person who by agreement, contractual or otherwise, conducts asbestos abatement projects at a location other than his/her own place of business.]

66. Asbestos abatement project—An activity undertaken to encapsulate, enclose, or remove ten (10) square feet or sixteen (16) linear feet or more of friable asbestos-containing materials from buildings and other air contaminant sources or to demolish buildings and other air contaminant sources containing ten (10) square feet or sixteen (16) linear feet or more.

[67. Asbestos abatement supervisor—An individual who directs, controls, or supervises others in asbestos abatement projects.]

[68. Asbestos abatement worker—An individual who engages in asbestos abatement projects.]

69. Asbestos air sampling professional—An individual who by qualifications and experience is proficient in asbestos abatement air monitoring. The individual shall conduct, oversee, or be responsible for air monitoring of asbestos abatement projects before, during, and after the project has been completed.

[70.] Asbestos air sampling technician—An individual who has been trained by an air sampling professional to do air monitoring. *[That]* Such individual conducts air monitoring of an asbestos abatement project before, during, and after the project has been completed.

[71.] Asbestos-containing material (ACM)—Any material or product which contains more than one percent (1%) asbestos, by weight.

69. Asbestos contractor—Any person who by agreement, contractual or otherwise, conducts asbestos abatement projects at a location other than his/her own place of business.

[72. Asbestos debris—Material that results from removal or deterioration of asbestos-containing material.]

73. Asbestos Hazard Emergency Response Act (AHERA)—Law enacted in 1986 (P.L. 99-519) that directs *[EPA]* the U.S. Environmental Protection Agency to develop a regulatory framework to require schools to inspect their building(s) for asbestos and take appropriate abatement actions using qualified, accredited persons for inspection and abatement.

71. Asbestos inspector—An individual, under the Asbestos Hazard Emergency Response Act, who collects and assimilates information used to determine whether asbestos-containing material is present in a building or other air contaminant sources.

72. Asbestos management planner—An individual, under the Asbestos Hazard Emergency Response Act, who devises and writes plans for asbestos abatement.

[73. Asbestos projects—An activity undertaken to remove or encapsulate one hundred sixty (160) square feet or two hundred sixty (260) linear feet or more of friable asbestos-containing materials or demolition of any structure or building or a part of it containing the previously-mentioned quantities of asbestos-containing materials.

[75. Asbestos removal project—An asbestos abatement project consisting of activities that involve, and are required to take out, friable asbestos-containing materials from any facility. This definition includes, but is not limited to, activities associated with the cleanup of loose friable asbestos-

containing debris or refuse, or both, from floors and other surfaces.]

[76. ASME—American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017.]

74. Asbestos supervisor—An individual who directs, controls, or supervises others in asbestos projects.

75. Asbestos worker—An individual who engages in asbestos projects.

[77.] Asphalt prime coat—Application of low-viscosity liquid asphalt to an absorbent surface such as a previously-untreated surface.

[78.] Asphalt seal coat—An application of a thin asphalt surface treatment used to waterproof and improve the texture of an absorbent surface or a nonabsorbent surface such as asphalt or concrete.

[79. ASTM—American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.]

[80.] Authorized account representative—The person who is authorized by the owners or operators of the unit to represent and legally bind each owner and operator in matters pertaining to the Emissions Banking and Trading Program or any other budget trading program.

[81.] Automated data acquisition and handling system (DAHS)—That component of the Continuous Emissions Monitoring System *[(CEMS)]*, or other emissions monitoring system approved for use by the department, designed to interpret and convert individual output signals from pollutant concentration monitors, diluent gas monitors, and other component parts of the monitoring system to produce a continuous record of the measured parameters in approved measurement units.

[82.] Automatic blanket wash system—Equipment used to clean lithographic blankets which can include, but is not limited to, those utilizing a cloth and expandable bladder, brush, spray, or impregnated cloth system.

[83.] Automobile—A four (4)-wheel passenger motor vehicle or derivative capable of seating no more than twelve (12) passengers.

[84.] Automobile and light duty truck adhesive—An adhesive, including glass bonding adhesive, used at an automobile or light duty truck assembly coating installation, applied for the purpose of bonding two (2) motor vehicle surfaces together without regard to the substrates involved.

[85.] Automobile and light duty truck bedliner—A multi-component coating, used at an automobile or light duty truck assembly coating installation, applied to a cargo bed after the application of topcoat and outside of the topcoat operation to provide additional durability and chip resistance.

[86.] Automobile and light duty truck cavity wax—A coating, used at an automobile or light duty truck assembly coating installation, applied into the cavities of the motor vehicle primarily for the purpose of enhancing corrosion protection.

[87.] Automobile and light duty truck deadener—A coating, used at an automobile or light duty truck assembly coating installation, applied to selected motor vehicle surfaces primarily for the purpose of reducing the sound of road noise in the passenger compartment.

[88.] Automobile and light duty truck gasket/gasket-sealing material—A fluid, used at an automobile or light duty truck assembly coating installation, applied to coat a gasket or replace and perform the same function as a gasket. Automobile and light duty truck gasket/gasket-sealing material includes room temperature vulcanization *[(RTV)]* seal material.

[89.] Automobile and light duty truck glass bonding primer—A primer, used at an automobile or light duty truck assembly coating installation, applied to windshield or other glass, or to body openings, to prepare the glass or body opening for the application of glass bonding adhesives or the installation of adhesive bonded glass. Automobile and light duty truck glass bonding primer

includes glass bonding/cleaning primers that perform both functions (cleaning and priming of the windshield or other glass or body openings) prior to the application of adhesive or the installation of adhesive bonded glass.

/90.188. Automobile and light duty truck lubricating wax/compound—A protective lubricating material, used at an automobile or light duty truck assembly coating installation, applied to motor vehicle hubs and hinges.

/91.189. Automobile and light duty truck sealer—A high viscosity material, used at an automobile or light duty truck assembly coating installation, generally, but not always, applied in the paint shop after the body has received an electrodeposition primer coating and before the application of subsequent coatings (e.g., primer-surfacer). Such materials are also referred to as sealant, sealant primer, or caulk.

/92.190. Automobile and light duty truck surface coating operations—The application, flashoff, and curing of prime, primer-surfacer, topcoat, and final repair coatings during the assembly of passenger cars and light duty trucks excluding the following operations:

- A. Wheel coatings;
- B. Miscellaneous antirust coatings;
- C. Truck interior coatings;
- D. Interior coatings;
- E. Flexible coatings;
- F. Sealers and adhesives; and
- G. Plastic parts coatings. (Customizers, body shops, and other repainers are not part of this definition.)

/93.191. Automobile and light duty truck trunk interior coating—A coating, used at an automobile or light-duty truck assembly coating installation outside of the primer-surfacer and topcoat operations, applied to the trunk interior to provide chip protection.

/94.192. Automobile and light duty truck underbody coating—A coating, used at an automobile or light-duty truck assembly coating installation, applied to the undercarriage or firewall to prevent corrosion and/or provide chip protection.

/95.193. Automobile and light duty truck weatherstrip adhesive—An adhesive, used at an automobile or light-duty truck assembly coating installation, applied to weatherstripping material for the purpose of bonding the weatherstrip material to the surface of the motor vehicle.

/96.194. Automotive underbody deadeners—Any coating applied to the underbody of a motor vehicle to reduce the noise reaching the passenger compartment.

/97.195. Auxiliary power unit (APU)—An integrated system that—

- A. Provides heat, air conditioning, engine warming, or electricity to components on a heavy duty vehicle; and
- B. Is certified by the **/A**Administrator under part 89 of Title 40, *Code of Federal Regulations* (or any successor regulation), as meeting applicable emissions standards.

/98.196. Average emission rate—The simple average of the hourly NO_x emission rate as recorded by approved monitoring systems.

(C) All terms beginning with **/J**C.**/J**

/1. CAA—The Clean Air Act, as amended; see also Act.

/2.1. Camouflage coating—A coating, used principally by the military, to conceal equipment from detection.

/3.12. Capacity factor—Ratio (expressed as a percentage) of a power generating unit's actual annual electric output (expressed in MWe-hr) divided by the unit's nameplate capacity multiplied by eight thousand seven hundred sixty (8,760) hours.

/4.13. Capture device—A hood, enclosed room, floor sweep, or other means of collecting solvent emissions or other pollutants into a duct so that the pollutant can be directed to a pollution control device such as an incinerator or carbon adsorber.

/5.14. Capture efficiency—The fraction of all organic vapors or other pollutants generated by a process that is directed to a control device.

/6. CARB—California Air Resources Board, 2020 L Street, PO Box 2815, Sacramento, CA 95812.1

/7.15. Carbon adsorption system—A device containing adsorbent material (for example, activated carbon, aluminum, silica gel); an inlet and outlet for exhaust gases; and a system to regenerate the saturated adsorbent. The carbon adsorption system must provide for the proper disposal or reuse of all volatile organic compounds (**/VOC**) adsorbed.

/8.16. Cargo tank—A delivery tank truck or railcar which is loading gasoline or which has loaded gasoline on the immediately-previous load.

/9.17. Catalytic incinerator—A control device using a catalyst to allow combustion to occur at a lower temperature.

/10. Category I nonfriable ACM—Asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent (1%) asbestos as determined using the method specified in 40 CFR 763, subpart E, Appendix E, section 1, Polarized Light Microscopy.

/11. Category II nonfriable ACM—Any material, excluding category I nonfriable ACM, containing more than one percent (1%) asbestos as determined using the method specified in 40 CFR 763, subpart E, Appendix E, section 1, Polarized Light Microscopy that, when dry, cannot be crumpled, pulverized, or reduced to powder by hand pressure.]

/12.18. Caulking and smoothing compound—A semi-solid material that is used to aerodynamically smooth exterior vehicle surfaces or fill cavities such as bolt hole accesses. A material shall not be classified as a caulking and smoothing compound if it can be classified as a sealant.

/13.19. Cause or contribute to a new violation—A federal action that—

A. Causes a new violation of a national ambient air quality standard (NAAQS) at a location in a nonattainment or maintenance area which would otherwise not be in violation of the standard during the future period in question if the federal action were not taken; or

B. Contributes, in conjunction with other reasonably foreseeable actions, to a new violation of a NAAQS at a location in a nonattainment or maintenance area in a manner that would increase the frequency or severity of the new violation.

/14.10. Caused by, as used in the terms **/**direct emissions**/** and **/**indirect emissions**/**—Emissions that would not otherwise occur in the absence of the federal action.

/15.11. Ceramic tile installation adhesive—An adhesive intended by the manufacturer for use in the installation of ceramic tiles.

/16.12. Certified product data sheet—Documentation furnished by a coating supplier or an outside laboratory that provides the **volatile organic compound** (VOC) content by percent weight, the solids content by percent weight, and density of a finishing material, strippable booth coating, or solvent, measured using the EPA Method 24 or an equivalent or alternative method (or formulation data, if approved by the director). The purpose of the certified product data sheet is to assist the affected source in demonstrating compliance with the emission limitations. Therefore, the VOC content should represent the maximum VOC emission potential of the finishing material, strippable booth coating, or solvent.

/17.13. Charcoal kiln—Any closed structure used to produce charcoal by controlled burning (pyrolysis) of wood. Retorts and furnaces used for charcoal production are not charcoal kilns.

/18.14. Charcoal kiln control system—A combination of an emission control device and connected charcoal kiln(s).

/19.15. Chemical milling maskant—A coating that is applied directly to aluminum components to protect surface areas when chemical milling the component with a Type I or Type II etchant. Type I chemical milling maskants are used with a Type I etchant, and Type II chemical milling maskants are used with a Type II etchant.

This definition does not include bonding maskants, critical use and line sealer maskants, and seal coat maskants. Maskants that must be used with a combination of Type I or Type II etchants and any of the above types of maskants (*i.e., bonding, critical use and line sealer, and seal coat*) are also not included in this definition.

/20./16. Chemotherapeutic waste—Waste material resulting from the production or use of antineoplastic agents used for the purpose of stopping or reversing the growth of malignant cells.

/21./17. Circumvention—Building, erecting, installing, or using any article, machine, equipment, process, or method which, when used, would conceal an emission that would otherwise constitute a violation of an applicable standard or requirement. That concealment includes, but is not limited to, the use of gaseous adjutants to achieve compliance with a visible emissions standard, and the piecemeal carrying out of an operation to avoid coverage by a standard that applies only to operations larger than a specific size.

18. Class IA concentrated animal feeding operation—Any concentrated animal feeding operation with a capacity of seven thousand (7,000) animal units or more and corresponding to the following number of animals by species listed below:

Class IA concentrated animal feeding operation 7,000 animal unit equivalents		
Animal species	Animal unit equivalent	Number of animals
Beef feeder or slaughter animal	1.0	7,000
Horse	0.5	3,500
Dairy cow	0.7	4,900
Swine weighing > 55 lbs.	2.5	17,500
Swine weighing < 55 lbs.	10	70,000
Sheep	10	70,000
Laying hens	30	210,000
Pullets	60	420,000
Turkeys	55	385,000
Broiler chickens	100	700,000

/22./19. Class I hardboard—A hardboard panel that meets the specifications of Voluntary Product Standard PS 59-73 as approved by the American National Standards Institute.

/23./20. Class II finish—A finish applied to hardboard panels that meets the specifications of Voluntary Product Standard PS 59-73 as approved by the American National Standards Institute.

21. Clean Air Act (CAA)—The Clean Air Act, as amended; also see Act.

/24. Clean room—An uncontaminated area or room which is a part of the worker decontamination enclosure system.]

/25./22. Clean scanning—The illegal act of connecting the On-Board Diagnostics (OBD) cable or wireless transmitter to the data link connector of a vehicle other than the vehicle photographed and identified on the emissions /VIR/ vehicle inspection report for the purpose of bypassing the required OBD test procedure.

/26./23. Cleaning operations—processes of cleaning products, product components, tools, equipment, or general work areas during production, repair, maintenance or servicing, including, but not limited to, spray gun cleaning, spray booth cleaning, large and small manufactured component cleaning, parts cleaning, equipment cleaning, line cleaning, floor cleaning, and tank cleaning, at sources with emission units.

/27./24. Cleaning solution—A liquid solvent used to remove printing ink and debris from the surfaces of the printing press and its

parts. Cleaning solutions include, but are not limited to, blanket wash, roller wash, metering roller cleaner, plate cleaner, impression cylinder washes, and rubber rejuvenators.

/28./25. Clear coat—A coating which lacks color and opacity or is transparent and uses the undercoat as a reflectant base or undertone color. This term also includes corrosion preventative coatings used for the interior of drums or pails.

/29./26. Clear wood finishes—Clear and semi-transparent top-coats applied to wood substrates to provide a transparent or translucent film.

/30./27. Clinker—The product of a Portland cement kiln from which finished cement is manufactured by milling and grinding.

/31./28. Closed container—A container with a cover fastened in place so that it will not allow leakage or spilling of the contents.

/32./29. Closed landfill—A landfill in which solid waste is no longer being placed and in which no additional wastes will be placed without first filing a notification of modification as prescribed under 40 CFR 60.7(a)(4). Once a notification of modification has been filed, and additional solid waste is placed in the landfill, the landfill is no longer closed.

/33./30. Closure—That point in time when a landfill becomes a closed landfill.

/34./31. Coating—A protective, decorative, or functional material applied in a thin layer to a surface. Such materials include, but are not limited to, paints, topcoats, varnishes, sealers, stains, wash-coats, basecoats, inks, and temporary protective coatings. For the purposes of 10 CSR 10-5.330, coating does not include ink used in printing operations regulated under 10 CSR 10-5.340 and 10 CSR 10-5.442. **For the purpose of 10 CSR 10-2.230, coating does not include ink used in printing operations regulated under 10 CSR 10-2.290 and 10 CSR 10-2.340.**

/35./32. Coating applicator—An apparatus used to apply a surface coating.

/36./33. Coating line—One (1) or more apparatus or operations which include a coating applicator, flash-off area, and oven where a surface coating is applied, dried, or cured, or a combination of these.

/37./34. Coating solids (or /"solids"/)—The part of the coating that remains after the coating is dried or cured; solids content is determined using data from EPA Method 24 or an alternative or equivalent method.

/38./35. Co-fired combustor—A unit combusting hospital waste and/or medical/infectious waste with other fuels or wastes and subject to an enforceable requirement limiting the unit to combusting a fuel feed stream, ten percent (10%) or less of the weight of which is comprised, in aggregate, of hospital waste and medical/infectious waste as measured on a calendar-quarter basis. For purposes of this definition, pathological waste, chemotherapeutic waste, and low-level radioactive waste are considered /"other wastes"/ when calculating the percentage of hospital waste and medical/infectious waste combusted.

/39./36. Cogenerator—For the purpose/s/ of paragraph (1)(A).3. of 10 CSR 10-6.364 *[only]*, cogenerator is a facility which—

A. For a unit that commenced construction on or prior to November 15, 1990, was constructed for the purpose of supplying equal to or less than one-third (1/3) its potential electrical output capacity or equal to or less than two hundred nineteen thousand (219,000) MWe-hrs actual electric output on an annual basis to any utility power distribution system for sale (on a gross basis). If the purpose of construction is not known, the administrator will presume that actual operation from 1985 through 1987 is consistent with such purpose. However, if in any three (3)-calendar-year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third (1/3) of its potential electrical output capacity and more than two hundred nineteen thousand (219,000) MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the acid rain program; or

B. For units which commenced construction after November 15, 1990, supplies equal to or less than one-third (1/3) its potential electrical output capacity or equal to or less than two hundred nineteen thousand (219,000) MWe-hrs actual electric output on an annual basis to any utility power distribution system for sale (on a gross basis). However, if in any three (3)-calendar-year period after November 15, 1990, such unit sells to a utility power distribution system an annual average of more than one-third (1/3) of its potential electrical output capacity and more than two hundred nineteen thousand (219,000) MWe-hrs actual electric output (on a gross basis), that unit shall be an affected unit, subject to the requirements of the Acid Rain Program.

/40.J37. Cold cleaner—Any device or piece of equipment that contains and/or uses liquid solvent, into which parts are placed to remove soils from the surfaces of the parts or to dry the parts. Cleaning machines that contain and use heated nonboiling solvent to clean the parts are classified as cold cleaning machines.

/41.J38. Cold rolling mill—Batch process aluminum sheet rolling mill with a preset gap between the work rolls used to reduce the sheet thickness. The process generally occurs at temperatures below two hundred sixty-five degrees Fahrenheit (265 °F). A cold rolling mill is used mainly for the production of aluminum sheet at gauges between three-tenths of one inch to two-thousands of one inch (0.3" to 0.002"). Reductions to finish gauge may occur in one (1) pass or several passes.

/42.J39. Combined cycle system—A system comprised of one (1) or more combustion turbines, heat recovery steam generators, and steam turbines configured to improve overall efficiency of electricity generation or steam production.

/43.J40. Combustion turbine—An enclosed fossil or other fuel-fired device that is comprised of a compressor, a combustor, and a turbine and in which the flue gas resulting from the combustion of fuel in the combustor passes through the turbine, rotating the turbine.

/44.J41. Commenced—An owner or operator has undertaken a continuous program of construction or modification, has entered into a binding agreement, or has contractual obligation to undertake and complete within a reasonable time a continuous program of construction or modification.

/45.J42. Commenced commercial operation—With regard to a unit that serves a generator, to have begun to produce steam, gas, or other heated medium used to generate electricity for sale or use, including test generation. For the purpose of 10 CSR 10-6.360 [*only*], the date of commencement of commercial operation shall be as follows:

A. Except as provided in subsection (1)(E) of 10 CSR 10-6.360, for a unit that is a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date the unit commences commercial operation, such date shall remain the unit's date of commencement of commercial operation even if the unit is subsequently modified, reconstructed, or repowered; and

B. Except as provided in subsections (1)(E) or (3)(H) of 10 CSR 10-6.360, for a unit that is not a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date the unit commences commercial operation, the date the unit becomes a NO_x budget unit under section (1) of 10 CSR 10-6.360 shall be the unit's date of commencement of commercial operation.

/46.J43. Commenced operation—The initial setting into operation of any air pollution control equipment or process equipment. For the purpose of 10 CSR 10-6.360 [*only*], commenced operation is to have begun any mechanical, chemical, or electronic process, including, with regard to a unit, start-up of a unit's combustion chamber and the date of commencement of operation shall be as follows:

A. Except as provided in subsection (1)(E) of 10 CSR 10-6.360, for a unit that is a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date of commencement of operation, such date shall remain the unit's date of commencement of operation even if the unit is subsequently modified, reconstructed, or repowered; and

B. Except as provided in subsection (1)(E) of 10 CSR 10-6.360 or subsection (3)(H) of 10 CSR 10-6.360, for a unit that is not a NO_x budget unit under section (1) of 10 CSR 10-6.360 on the date of commencement of operation, the date the unit becomes a NO_x budget unit under section (1) of 10 CSR 10-6.360 shall be the unit's date of commencement of operation.

/47.J44. Commercial hospital/medical/infectious waste incinerator (HMIWI)—An HMIWI which offers incineration services for hospital/medical/infectious waste generated offsite by firms unrelated to the firm that owns the HMIWI.

/48.J45. Commercial solid waste—All types of solid waste generated by stores, offices, restaurants, warehouses, and other non-manufacturing activities, excluding residential and industrial wastes.

/49.J46. Commercial vehicle—Any motor vehicle, other than a passenger vehicle, and any trailer, semitrailer, or pole trailer drawn by such motor vehicle, that is designed, used, and maintained for the transportation of persons or property for hire, compensation, profit, or in the furtherance of a commercial enterprise.

/50.J47. Commercial/Institutional boiler—A boiler used in commercial establishments or institutional establishments such as medical centers, institutions of higher education, hotels, and laundries to provide electricity, steam, and/or hot water.

/51.J48. Commission—The Missouri Air Conservation Commission established pursuant to *[section]* 643.040, RSMo.

/52.J49. Common stack—A single flue through which emissions from two (2) or more NO_x units are exhausted.

/53.J50. Compliance account—A NO_x allowance tracking system account, established for an affected unit, in which the NO_x allowance allocations for the unit are initially recorded and in which are held NO_x allowances available for use by the unit for a control period for the purpose of meeting the unit's NO_x emission limitation.

/54.J51. Compliance certification—A submission to the director or the administrator, that is required to report a NO_x budget source's or a NO_x budget unit's compliance or noncompliance with stated requirements and that is signed by the NO_x authorized account representative in accordance with 10 CSR 10-6.360.

/55.J52. Compliance cycle—The two (2)-year duration during which a subject vehicle in the enhanced emissions inspection program area is required to comply with *[sections]* 643.300–643.355, RSMo.

A. For private-entity vehicles, the compliance cycle begins sixty (60) days prior to the subject vehicle's registration and biennial license plate tab expiration.

B. For public-entity vehicles, the compliance cycle begins on January 1 of each even-numbered calendar year. The compliance cycle ends on December 31 of each odd-numbered calendar year.

/56.J53. Compliant coating—A finishing material or strippable booth coating that meets the emission limits as specified.

/57.J54. Condensate (hydrocarbons)—A hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.

/58.J55. Condenser—Any heat transfer device used to liquefy vapors by removing their latent heats of vaporization including, but not limited to, shell and tube, coil, surface, or contact condensers.

/59.J56. Conference, conciliation, and persuasion—A process of verbal or written communications, including but not limited to meetings, reports, correspondence, or telephone conferences between authorized representatives of the department and the alleged violator. The process shall, at minimum, consist of one (1) offer to meet with the alleged violator tendered by the department. During any such meeting, the department and the alleged violator shall negotiate in good faith to eliminate the alleged violation and shall attempt to agree upon a plan to achieve compliance.

/60.J57. Confidential business information—Secret processes, secret methods of manufacture or production, trade secrets, and other information possessed by a business that, under existing legal concepts, the business has a right to preserve as confidential and to

limit its use by not disclosing it to others in order that the business may obtain or retain business advantages it derives from its rights in the information. For the purpose of 10 CSR 10-6.300, confidential business information *[(CBI)]* is information that has been determined by a federal agency, in accordance with its applicable regulations, to be a trade secret, or commercial or financial information obtained from a person and privileged or confidential and is exempt from required disclosure under the Freedom of Information Act (5 U.S.C. 552(b)(4)).

/61./58. Conformity determination—The evaluation (made after an applicability analysis is completed) that a federal action conforms to the applicable implementation plan and meets the requirements of rule 10 CSR 10-6.300.

/62./59. Conformity evaluation—The entire process from the applicability analysis through the conformity determination that is used to demonstrate that the federal action conforms to the requirements of rule 10 CSR 10-6.300.

/63./60. Conservation vent—Any valve designed and used to reduce evaporation losses of */VOC/ volatile organic compounds* by limiting the amount of air admitted to, or vapors released from, the vapor space of a closed storage vessel.

/64./61. Construction—Fabricating, erecting, reconstructing, or installing a source operation. Construction shall include installation of building supports and foundations, laying of underground pipe work, building of permanent storage structures, and other construction activities related to the source operation.

/65./62. Contact adhesive—An adhesive that—

A. Is designed for application to both surfaces to be bonded together;

B. Is allowed to dry before the two (2) surfaces are placed in contact with each other;

C. Forms an immediate bond that is impossible, or difficult, to reposition after both adhesive-coated surfaces are placed in contact with each other; and

D. Does not need sustained pressure or clamping of surfaces after the adhesive-coated surfaces have been brought together using sufficient momentary pressure to establish full contact between both surfaces. Contact adhesive does not include rubber cements that are primarily intended for use on paper substrates. Contact adhesive also does not include vulcanizing fluids that are designed and labeled for tire repair only.

/66. Containment—The area where an asbestos abatement project is conducted. The area must be enclosed either by a glove bag or plastic sheeting barriers.]

/67./63. Continuing program responsibility—A federal agency has responsibility for emissions caused by actions it takes itself or actions of non-federal entities that the federal agency, in exercising its normal programs and authorities, approves, funds, licenses, or permits, provided the agency can impose conditions on any portion of the action that could affect the emissions.

/68./64. Continuous coater—A finishing system that continuously applies finishing materials onto furniture parts moving along a conveyor system. Finishing materials that are not transferred to the part are recycled to the finishing material reservoir. Several types of application methods can be used with a continuous coater including spraying, curtain coating, roll coating, dip coating, and flow coating.

/69./65. Continuous emissions monitoring system (CEMS)—Monitoring system for continuously measuring and recording the emissions of a pollutant from an affected facility. For the purposes of 10 CSR 10-6.350 and 10 CSR 10-6.360, CEMS means the equipment required to sample, analyze, measure, and provide, by readings taken at least once every fifteen (15) minutes of the measured parameters, a permanent record of nitrogen oxides emissions, expressed in tons per hour for nitrogen oxides. The following systems are component parts included, consistent with 40 CFR 75, in a continuous emissions monitoring system:

A. Flow monitor;

B. Nitrogen oxides pollutant concentration monitors;

C. Diluent gas monitor (oxygen or carbon dioxide) when such monitoring is required;

D. A continuous moisture monitor when such monitoring is required; and

E. An automated data acquisition and handling system.

/70./66. Continuous hospital/medical/infectious waste incinerator (HMIWI)—An HMIWI that is designed to allow waste charging and ash removal during combustion.

/71./67. Continuous opacity monitoring system (COMS)—All equipment required to continuously measure and record the opacity of emissions within a stack or duct. COMS consists of sample interface, analyzer, and data recorder components and usually includes, at a minimum, transmissometers, transmissometer control equipment, and data transmission, acquisition, and recording equipment.

/72./68. Continuous program to implement—**For the purpose of 10 CSR 10-6.300, /7/**the federal agency has started the action identified in the plan and does not stop the actions for more than an eighteen (18)-month period, unless it can demonstrate that such a stoppage was included in the original plan.

/73./69. Continuous recorder—A data recording device recording an instantaneous data value at least once every fifteen (15) minutes.

/74./70. Contractor—**Any person, who by agreement, contractual or otherwise, conducts projects or provides services. For the purpose of 10 CSR 10-5.381, /7/**the state contracted company who shall implement the decentralized motor vehicle emissions inspection program as specified in *[sections]* 643.300-643.355, RSMo, and the state contracted company who shall implement the acceptance test procedure.

/75./71. Control device—Any equipment that reduces the quantity of a pollutant that is emitted to the air. The device may destroy or secure the pollutant for subsequent recovery. Includes, but is not limited to, incinerators, carbon adsorbers, and condensers.

/76./72. Control device efficiency—The ratio of the pollution released by a control device and the pollution introduced to the control device, expressed as a fraction.

/77./73. Control period—The period beginning May 1 of a calendar year and ending on September 30 of the same calendar year.

/78./74. Control system—The combination of capture and control devices used to reduce emissions to the atmosphere.

/79./75. Controlled landfill—Any landfill at which collection and control systems are required *[under this rule]* as a result of the nonmethane organic compounds emission rate. The landfill is considered controlled if a collection and control system design plan is submitted in compliance with the applicable rule.

/80./76. Conventional air spray—A spray coating method in which the coating is atomized by mixing it with compressed air at an air pressure greater than ten (10) pounds per square inch (gauge) at the point of atomization. Airless and air-assisted airless spray technologies are not conventional air spray because the coating is not atomized by mixing it with compressed air. Electrostatic spray technology is also not considered conventional air spray because an electrostatic charge is employed to attract the coating to the workpiece.

/81./77. Conveyorized degreaser—A type of degreaser in which the parts are loaded continuously.

/82./78. Cove base—A flooring trim unit, generally made of vinyl or rubber, having a concave radius on one (1) edge and a convex radius on the opposite edge that is used in forming a junction between the bottom wall course and the floor or to form an inside corner.

/83./79. Cove base installation adhesive—An adhesive intended by the manufacturer to be used for the installation of cove base or wall base on a wall or vertical surface at floor level.

/84./80. Criteria pollutant or standard—Any pollutants for which there is established a *[NAAQS] National Ambient Air Quality Standard* at 40 CFR 50.

/85./81. Crude oil—A naturally-occurring mixture which consists of hydrocarbons and sulfur, nitrogen, or oxygen derivatives/, or

a combination of these,] of hydrocarbons (or a combination of these derivatives) which is a liquid at standard conditions.

/86./82. Custody transfer—The transfer of produced crude oil or condensate, or both, after processing or treating, or both, in the producing operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.

/87./83. Cutback asphalt—Any asphaltic cement that has been liquefied by blending with [VOC] volatile organic compound liquid diluents.

/88./84. Cyanoacrylate adhesive—An adhesive with a cyanoacrylate content of at least ninety-five percent (95%) by weight.

/89./85. Cyclone boiler—A boiler with a horizontal, cylindrical furnace that burns crushed, rather than pulverized, coal.

/90./86. Cyclone electric generating unit (EGU)—An electric generating unit [(EGU)] with a fossil-fuel-fired boiler consisting of one or more horizontal cylindrical barrels that utilize tangentially applied air to produce a swirling combustion pattern of coal and air.

(D) All terms beginning with *[/JD.]*

1. Data Link Connector (DLC)—The terminal required to be installed on all On-Board Diagnostics (OBD) equipped vehicles that allows communication with a vehicle's OBD system.

2. Day—A period of twenty-four (24) consecutive hours beginning at midnight local time, or beginning at a time consistent with a facility's operating schedule.

3. Degreasing—A solvent metal cleaning in which nonaqueous solvents are used to clean and remove soils from metal surfaces.

4. Delivery vessel—A tank truck, trailer, or railroad tank car.

5. *De minimis* levels—Any emissions level less than or equal to the rates listed in Table 1, subsection (3)(A) of this rule.

6. Demolition *[project]*—The wrecking, razing, burning, or removing of any load-supporting structural member or portion of a structure together with any related handling operation.

7. Department—The Missouri Department of Natural Resources, which includes the director thereof, or the person or division or program within the department delegated the authority to render the decision, order, determination, finding, or other action that is subject to review by the commission. PO Box 176, Jefferson City, MO 65102. **For the purpose of 10 CSR 10-5.381, the department is the state agency responsible for oversight of the vehicle emissions inspection and maintenance program required by the 1990 Federal Clean Air Act Amendments.**

/8. Department-approved inhouse project—An asbestos abatement project in a person's own facility using their own trained facility employees; the project has received departmental approval as part of planned renovation operations.]

/9./8. Design capacity—The maximum amount of solid waste the landfill can accept, as indicated in terms of volume or mass in the most recent operating or construction permit issued by the county or state agency responsible for regulating the landfill, plus any in-place waste not accounted for in the most recent permit. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than two and one-half (2.5) million megagrams or two and one-half (2.5) million cubic meters, the calculation must include a site-specific density, which must be recalculated annually.

*/10./9. Designated representative—A responsible individual authorized by the owner or operator of an affected source and of all affected units at the source, as evidenced by a certificate of representation submitted in accordance with 40 CFR 72, subpart B to represent and legally bind each owner and operator, as a matter of federal law, in matters pertaining to the acid rain program. Whenever the term *[/responsible official/]* is used in 40 CFR 70, 10 CSR 10-6.065, or in any other regulations implementing Title V of the Act, it shall be deemed to refer to the *[/designated representative/]* with regard to all matters under the acid rain program.*

/11./10. Diagnostic Trouble Code (DTC)—An alphanumeric code consisting of five (5) characters which is stored by a vehicle's On-Board Diagnostics system if a vehicle malfunctions or deterior-

rates in such a way as to potentially raise the vehicle's tailpipe or evaporative emissions more than one and one-half (1.5) times the federal test procedure certification limits. The code indicates the system or component that is in need of diagnosis and repair to prevent the vehicle's emissions from increasing further.

/12./11. Diammonium phosphate—A product resulting from the reaction between phosphoric acid and ammonia having the molecular formula $(\text{NH}_4)_2\text{HPO}_4$.

*/13./12. Diesel engine—A compression-ignited *[/C]* two (2)-or four (4)-stroke engine in which liquid fuel is injected into the combustion chamber and ignited when the air charge has been compressed to a temperature sufficiently high for auto-ignition.*

/14./13. Digital printing—A print-on-demand method of printing in which an electronic output device transfers variable data, in the form of an image, from a computer to a variety of substrates. Digital printing methods include, but are not limited to, inkjet printing, electrophotographic printing, dye sublimation printing, thermal wax printing, and solid ink printing.

*/15./14. Dioxins/furans—The combined emission of tetra-through octa-chlorinated dibenz-p-para-dioxins and dibenzofurans as measured by the *[/U.S. Environmental Protection Agency (EPA)] Reference/* Method 23 of 40 CFR 60, Appendix A-7.*

/16./15. Direct emissions—Those emissions of a criteria pollutant or its precursors that are caused or initiated by the federal action and originate in a nonattainment or maintenance area and occur at the same time and place as the action and are reasonably foreseeable.

*/17./16. Director or department director—Director of the Missouri Department of Natural Resources, or a designated representative, to carry out the duties as described in *[/section]* 643.060, RSMo.*

/18./17. Dispersion technique—

A. A dispersion technique is any technique designed to affect the concentration of a pollutant in the ambient air by—

(I) Using that portion of a stack which exceeds good engineering practice stack height;

(II) Varying the rate of emission of a pollutant according to atmospheric conditions or ambient concentrations of that pollutant; or

(III) Increasing final exhaust gas plume rise by manipulating source process parameters, exhaust gas parameters, stack parameters, or combining exhaust gases from several existing stacks into one (1) stack; or other selective handling of exhaust gas streams so as to increase the exhaust gas plume rise; and

B. This definition does not include:

(I) The reheating of a gas stream, following use of a pollution control system, for the purpose of returning the gas to the temperature at which it was originally discharged from the installation generating the gas stream;

(II) The merging of exhaust gas streams where—

(a) The installation owner or operator demonstrates that the installation was originally designed and constructed with the merged gas streams;

(b) After July 8, 1985, the merging is part of a change in operation at the installation that includes the installation of emissions control equipment and is accompanied by a net reduction in the allowable emissions of a pollutant. This exclusion from the definition of dispersion technique shall apply only to the emission limitation for the pollutant affected by a change in operation; or

(c) Before July 8, 1985, the merging was part of a change in operation at the installation that included the installation of emissions control equipment or was carried out for sound economic or engineering reasons. Where there was an increase in the emission limitation or in the event that no emission limitation was in existence prior to the merging, the director shall presume that merging was significantly motivated by an intent to gain emissions credit for greater dispersion. Without a demonstration by the source owner or operator that merging was not significantly motivated by that intent, the director shall deny credit for the effects of merging in calculating the

allowable emissions for the source;

(III) Smoke management in agricultural or silvicultural prescribed burning programs;

(IV) Episodic restrictions on residential woodburning and open burning; or

(V) Techniques under part */(2)(D) 10.A. (III)/(2)(D)17.A.(III)* of this *[definition]* rule which increase final exhaust gas plume rise where the resulting allowable emissions of sulfur dioxide from the installation do not exceed five thousand (5,000) tons per year.

/19./18. Disposal facility—All contiguous land and structures, other appurtenances, and improvements on the land used for the disposal of solid waste.

/20./19. Disposed off-site—Sending used organic solvents or coatings outside of the facility boundaries for disposal.

/21./20. Distillation operation—An operation separating one (1) or more feed stream(s) into two (2) or more exit stream(s), each exit stream having component concentration different from those in the feed stream(s). The separation is achieved by the redistribution of the components between the liquid- and vapor-phase as they approach equilibrium within the distillation unit.

/22./21. Distillation unit—A device or vessel in which distillation operations occur, including all associated internals (such as trays or packing) and accessories (such as reboiler, condenser, vacuum pump, stream jet, etc.), plus any associated recovery system.

/23./22. Draft permit—The version of a permit for which the permitting authority offers public participation or affected state review.

/24./23. Drum—Any cylindrical container of thirteen to one hundred ten (13–110)-gallon capacity.

/25./24. Dry cleaning installation—An installation engaged in the cleaning of fabrics in an essentially nonaqueous solvent by means of one (1) or more washes in solvent, extraction of excess solvent by spinning and drying by tumbling in an airstream. The installation includes, but is not limited to, any washer, dryer, filter and purification systems, waste disposal systems, holding tanks, pumps, and attendant piping and valves.

/26./25. Dry scrubber—An add-on air pollution control system that injects dry alkaline sorbent (dry injection) or sprays an alkaline sorbent (spray drier) to react with and neutralize acid gases in the exhaust stream forming a dry powder material.

/27./26. Dual fuel engine—Compression ignited stationary internal combustion engine that is capable of burning liquid fuel and gaseous fuel simultaneously.

(E) All terms beginning with */"E.I."*

1. Early reduction credit (ERC)—NO_x emission reductions in the years 2000, 2001, 2002, and 2003 that are below the limits specified in subsection (3)(A) of 10 CSR 10-6.350; ERCs will only be available for use during the years of 2004 and 2005. When calculating ERCs or performing calculations involving ERCs, ERCs shall always be rounded down to the nearest ton.

2. Economic benefit—Any monetary gain which accrues to a violator as a result of noncompliance.

3. E85—Ethanol-gasoline blend containing eighty-five percent (85%) denatured ethanol and fifteen percent (15%) gasoline that also meets the standard specification requirements of the most recent update to ASTM D 5798.]

/4./3. Electric dissipating coating—A coating that rapidly dissipates a high-voltage electric charge.

/5./4. Electric generating unit (EGU)—Any fossil-fuel-fired boiler or turbine that serves an electrical generator with the potential to use more than fifty percent (50%) of the usable energy from the boiler or turbine to generate electricity.

/6./5. Electric-insulating and thermal conducting coating—A coating that displays an electrical insulation of at least one thousand (1,000) volts DC per mil on a flat test plate and an average thermal conductivity of at least twenty-seven hundredths British thermal units (0.27 Btu) per hour-foot-degree-Fahrenheit.

/7./6. Electric-insulating varnish—A non-convertible-type coat-

ing applied to electric motors, components of electric motors, or power transformers, to provide electrical, mechanical, and environmental protection or resistance.

/8./7. Electrodeposition primer (EDP)—A protective, corrosion-resistant waterborne primer on exterior and interior surfaces that provides thorough coverage of recessed areas. It is a dip coating method that uses an electrical field to apply or deposit the conductive coating onto the part. The object being painted acts as an electrode that is oppositely charged from the particles of paint in the dip tank.

8. Electromagnetic interference/radio frequency interference (EMI/RFI) shielding—A coating used on electrical or electronic equipment to provide shielding against electromagnetic interference (EMI), radio frequency interference (RFI), or static discharge.

9. Electronic component—All portions of an electronic assembly, including, but not limited to, circuit board assemblies, printed wire assemblies, printed circuit boards, soldered joints, ground wires, bus bars, and associated electronic component manufacturing equipment such as screens and filters.

10. Electrostatic preparation coat—A coating that is applied to a plastic part solely to provide conductivity for the subsequent application of a prime, topcoat, or other coating through the use of electrostatic application methods. An electrostatic preparation coat is clearly identified as an electrostatic preparation coat on its material safety data sheet.

11. Emergency—A situation or occurrence of a serious nature that develops suddenly, unexpectedly, and demands immediate action. For the purpose of 10 CSR 10-6.300, an emergency is */A/a* situation where extremely quick action on the part of the federal agencies involved is needed and where the timing of such federal activities makes it impractical to meet the requirements of 10 CSR 10-6.300, such as natural disasters like hurricanes or earthquakes, civil disturbances such as terrorist acts, and military mobilizations.

12. Emergency asbestos *[abatement]* project—An asbestos *[abatement]* project that must be undertaken immediately to prevent imminent severe human exposure or to restore essential facility operation.

13. Emergency standby boiler—For the purpose of 10 CSR 10-5.510 *[only]*, a boiler operated during times of loss of primary power at the installation that is beyond the control of the owner or operator, during routine maintenance, to provide steam for building heat; or to protect essential equipment.

14. Emergency standby engine—For the purpose of 10 CSR 10-6.390, an internal combustion engine used only when normal electrical power or natural gas service is interrupted or for the emergency pumping of water for either fire protection or flood relief. An emergency standby engine may not be operated to supplement a primary power source when the load capacity or rating of the primary power source has been either reached or exceeded.

15. Emergency standby generator—For the purpose of 10 CSR 10-6.350 *[only]*, a generator operated only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

16. Emergency stationary combustion turbine—For the purpose of 10 CSR 10-5.510 *[only]*, a stationary combustion turbine operated only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

17. Emergency stationary internal combustion engine—For the purpose of 10 CSR 10-5.510 *[only]*, a stationary internal combustion engine used to drive pumps, aerators, or other equipment only during times of loss of primary power at the facility that is beyond the control of the owner or operator of the facility or during routine maintenance.

18. EMI/RFI shielding—A coating used on electrical or electronic equipment to provide shielding against electromagnetic interference (EMI), radio frequency interference (RFI), or static discharge.]

/19./18. Emission(s)—The release or discharge, whether directly or indirectly, into the atmosphere of one (1) or more air contaminants. For the purposes of 10 CSR 10-6.360 [*only*], air pollutants exhausted from a unit or source into the atmosphere, as measured, recorded, and reported to the administrator by the NO_x authorized account representative and as determined by the administrator.

/20./19. Emission data—

A. The identity, amount, frequency, concentration, or other characteristics (related to air quality) of any air contaminant which—

- (I) Has been emitted from an emission unit;
- (II) Results from any emission by the emissions unit;
- (III) Under an applicable standard or limitation, the emissions unit was authorized to emit; or
- (IV) Is a combination of any of the parts **/2/(/E)20.A.(I), (II), or (III)** of this rule;

B. The name, address (or description of the location), and the nature of the emissions unit necessary to identify the emission units including a description of the device, equipment, or operation constituting the emissions unit; and

C. The results of any emission testing or monitoring required to be reported under any rules of the commission.

/21./20. Emission events—Discrete venting episodes that may be associated with a single unit of operation.

/22./21. Emission inventory—A listing of information on the location, type of source, type and quantity of pollutant emitted, as well as other parameters of the emissions[;].

/23./22. Emission limitation—A regulatory requirement, permit condition, or consent agreement which limits the quantity, rate, or concentration of emissions on a continuous basis, including any requirement which limits the level of opacity, prescribes equipment, sets fuel specifications, or prescribes operation or maintenance procedures for an installation to assure continuous emission reduction.

/24./23. Emission offsets—Emissions reductions which are quantifiable, consistent with the applicable implementation plan attainment and reasonable further progress demonstrations, surplus to reductions required by, and credited to, other applicable implementation plan provisions, enforceable under both state and federal law, and permanent within the time frame specified by the program. Emissions reductions intended to be achieved as emissions offsets must be monitored and enforced in a manner equivalent to that under **[an EPA's] the U.S. Environmental Protection Agency's** new source review requirements.

/25./24. Emission rate cutoff—The threshold annual emission rate to which a landfill compares its estimated emission rate to determine if control under the applicable regulation is required.

/26./25. Emission reduction credit (ERC)—A certified emission reduction that is created by eliminating future emissions and expressed in tons per year. One (1) ERC is equal to one (1) ton per year. An ERC must be real, properly quantified, permanent, and surplus.

/27./26. Emissions budgets—Those portions of the total allowable emissions defined in **[an EPA] a U.S. Environmental Protection Agency**-approved revision to the applicable implementation plan for a certain date for the purpose of meeting reasonable further progress milestones or attainment or maintenance demonstrations, for any criteria pollutant or its precursors, specifically allocated by the applicable implementation plan to mobile sources, to any stationary source or class of stationary sources, to any federal action or class of action, to any class of area sources, or to any subcategory of the emissions inventory. The allocation system must be specific enough to assure meeting the criteria of section 176(c)(1)(B) of the **[CAA] Clean Air Act**. An emissions budget may be expressed in terms of an annual period, a daily period, or other period established in the applicable implementation plan.

/28./27. Emissions inspection—**For the purpose of 10 CSR 10-5.381,** **/7/**tests performed on a vehicle in order to evaluate whether the vehicle's emissions control components are present and properly functioning.

/29./28. Emissions report—A report that satisfies the provi-

sions of **[this rule] 10 CSR 10-6.110** and is either a—

A. Full emissions report—Contains all required data elements for current reporting year; or

B. Reduced reporting form—Represents data elements and emissions from the last full emissions report.

/30./29. Emissions unit—Any part or activity of an installation that emits or has the potential to emit any regulated air pollutant or any pollutant listed under section 112(b) of the Act. This term is not meant to alter or affect the definition of the term unit for the purposes of Title IV of the Act. For the purpose of 10 CSR 10-6.410 [*only*], emissions unit is any part of a source or activity at a source that emits or would have the potential to emit criteria pollutants or their precursors.

/31./30. Emulsified asphalt—An emulsion of asphalt cement and water that contains a small amount of an emulsifying agent, as specified in ASTM D (977-77) or ASTM D (2397-73).

/32./31. Enamel—A surface coating that is a mixture of paint and varnish, having vehicles similar to those used for varnish, but also containing pigments.

/33./32. Enclosed combustor—An enclosed firebox which maintains a relatively-constant limited peak temperature generally using a limited supply of combustion air. An enclosed flare is considered an enclosed combustor.

/34./33. End exterior coating—A coating applied to the exterior end of a can to provide protection to the metal.

/35./34. End seal compound—The gasket forming coating used to attach the end pieces of a can during manufacturing or after filling with contents.

/36./35. Energized electrical system—Any alternating current (AC) or direct current (DC) electrical circuit on an assembled aircraft once electrical power is connected, including interior passenger and cargo areas, wheel wells, and tail sections.

/37./36. Energy Information Administration—The Energy Information Administration of the United States Department of Energy.

/38./37. Engine rating—The output of an engine as determined by the engine manufacturer and listed on the nameplate of the unit, regardless of any derating.

/39./38. Equipment—Any item that is designed or intended to perform any operation and includes any item attached to it to assist in the operation.

/40. EPA—The U.S. Environmental Protection Agency.

41. EPDM roof membrane—A prefabricated single sheet of elastomeric material composed of ethylene propylene diene monomer (EPDM) and that is field-applied to a building roof using one (1) layer of membrane material.]

/42./39. Equipment leak—Emissions of volatile organic compounds from pumps, valves, flanges, or other equipment used to transfer or apply finishing materials or organic solvents.

/43./40. Equivalent method—Any method of sampling and analyzing for an air pollutant that has been demonstrated to the director's satisfaction to have a consistent and quantitatively-known relationship to the reference method under specific conditions.

/44./41. Etching filler—A coating for metal that contains less than twenty-three percent (23%) solids by weight and at least one-half percent (0.5%) acid by weight, and is used instead of applying a pretreatment coating followed by a primer.

42. Ethylene propylene diene monomer (EPDM) roof membrane—A prefabricated single sheet of elastomeric material composed of ethylene propylene diene monomer and that is field-applied to a building roof using one (1) layer of membrane material.

/45./43. Excess emissions—The emissions which exceed the requirements of any applicable emission control regulation.

/46./44. Excessive concentration—

A. For installations seeking credit for reduced ambient pollutant concentrations from stack height exceeding that defined in subparagraph (2)(G)15.B. of this rule an excessive concentration is a maximum ground level concentration due to emissions from a stack

due in whole or part to downwash, wakes, or eddy effects produced by nearby structures or nearby terrain features which are at least forty percent (40%) in excess of the maximum concentration experienced in the absence of the downwash, wakes, or eddy effects, and that contributes to a total concentration due to emissions from all installations that is greater than an ambient air quality standard. For installations subject to the prevention of significant deterioration program as set forth in 10 CSR 10-6.060(8), an excessive concentration means a maximum ground level concentration due to emissions from a stack due to the same conditions as mentioned previously and is greater than a prevention of significant deterioration increment. The allowable emission rate to be used in making demonstrations under this definition shall be prescribed by the new source performance regulation as referenced by 10 CSR 10-6.070 for the source category unless the owner or operator demonstrates that this emission rate is infeasible. Where demonstrations are approved by the director, an alternative emission rate shall be established in consultation with the source owner or operator;

B. For installations seeking credit after October 11, 1983, for increases in stack heights up to the heights established under subparagraph (2)(G)15.B. of this rule, an excessive concentration is either—

(I) A maximum ground level concentration due in whole or part to downwash, wakes, or eddy effects as provided in subparagraph /*(2)(E)46.A./* (2)(E)44.A. of this rule, except that the emission rate used shall be the applicable emission limitation (or, in the absence of this limit, the actual emission rate); or

(II) The actual presence of a local nuisance caused by the stack, as determined by the director; and

C. For installations seeking credit after January 12, 1979, for a stack height determined under subparagraph (2)(G)15.B. of this rule where the director requires the use of a field study of fluid model to verify good engineering practice stack height, for installations seeking stack height credit after November 9, 1984, based on the aerodynamic influence of cooling towers and for installations seeking stack height credit after December 31, 1970, based on the aerodynamic influence of structures not represented adequately by the equations in subparagraph (2)(G)15.B. of this rule, a maximum ground level concentration due in whole or part to downwash, wakes, or eddy effects that is at least forty percent (40%) in excess of the maximum concentration experienced in the absence of downwash, wakes, or eddy effects.

[47.]45. Existing—As applied to any equipment, machine, device, article, contrivance, or installation shall mean in being, installed, or under construction in the Kansas City metropolitan area on September 25, 1968 (Buchanan County, January 21, 1970), in the St. Louis metropolitan area on March 24, 1967 (Franklin County, January 18, 1972), in the Springfield metropolitan area on September 24, 1971, and in the outstate Missouri area on February 24, 1971, except that if equipment, machine, device, article, contrivance, or installation subsequently is altered, repaired, or rebuilt at a cost of fifty percent (50%) or more of its replacement cost exclusive of routine maintenance, it shall no longer be existing but shall be considered new as defined in this regulation. The cost of installing equipment designed principally for the purpose of air pollution control is not to be considered a cost of altering, repairing, or rebuilding existing equipment for the purpose of this definition. For the purpose of 10 CSR 10-6.405, existing is any source which was in being, installed, or under construction on February 15, 1979, in the Kansas City or St. Louis metropolitan area, except that if any source in these areas subsequently is altered, repaired, or rebuilt at a cost of thirty percent (30%) or more of its replacement cost, exclusive of routine maintenance, it shall no longer be existing but shall be considered as new.

[48.]46. Exterior coating (two (2)-piece)—A surface coating used to coat the outside face of a two (2)-piece can. Used to provide protection from the lithograph or printing operations.

[49.]47. External floating roof—A storage vessel cover in an

open top tank consisting of a double-deck or pontoon single deck which rests upon and is supported by petroleum liquid being contained and is equipped with a closure seal(s) to close the space between the roof edge and tank wall.

[50.]48. Extreme environmental conditions—The exposure to any of the weather all of the time, temperatures consistently above ninety-five degrees Celsius (95 °C), detergents-abrasive and scouring agents, solvents, corrosive atmospheres, or similar environmental conditions.

[51.]49. Extreme high gloss coating—A coating applied to—

A. Pleasure craft which, when tested by the ASTM Test Method D-523-89, shows a reflectance of ninety percent (90%) or more on a sixty-degree (60°) meter; or

B. Metal and plastic parts that are not components of pleasure craft, which, when tested by the ASTM Test Method D-523 adopted in 1980, shows a reflectance of seventy-five percent (75%) or more on a sixty-degree (60°) meter.

[52.]50. Extreme performance coating—A coating used on a metal or plastic surface where the coated surface is, in its intended use, subject to the following:

A. Chronic exposure to corrosive, caustic, or acidic agents, chemicals, chemical fumes, chemical mixtures, or solutions;

B. Repeated exposure to temperatures in excess of two hundred fifty degrees Fahrenheit (250 °F); or

C. Repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial grade solvents, cleaners, or scouring agents.

(I) All terms beginning with *“I.I.”*

1. Idling—The operation of an engine where the engine is not engaged in gear.

2. Incinerator—Any article, machine, equipment, contrivance, structure, or part of a structure used to burn refuse or to process refuse material by burning other than by open burning as defined in this rule. For the purpose of 10 CSR 10-5.530 *[only]*, incinerator is an enclosed combustion device that thermally oxidizes volatile organic compounds to carbon monoxide (CO) and carbon dioxide (CO₂). This term does not include devices that burn municipal or hazardous waste material. For the purpose of 10 CSR 10-5.550 *[only]*, incinerator is any enclosed combustion device that is used for destroying organic compounds. Auxiliary fuel may be used to heat waste gas to combustion temperatures. Any energy recovery section present is not physically formed into one (1) section; rather, the energy recovery system is a separate section following the combustion section and the two (2) are joined by ducting or connections that carry fuel gas.

3. Increase the frequency or severity of any existing violation of any standard in any area—To cause a nonattainment area to exceed a standard more often or to cause a violation at a greater concentration than previously existed or would otherwise exist during the future period in question, if the project were not implemented.

4. Indirect emissions—Those emissions of a criteria pollutant or its precursors—

A. That are caused or initiated by the federal action and originate in the same nonattainment or maintenance area but may occur at a different time or place;

B. That are reasonably foreseeable;

C. That the agency can practically control;

D. That which the agency has continuing program responsibility; and

E. That the federal agency can practically control and will maintain control due to a continuing program responsibility of the federal agency, including, but not limited to—

(I) Traffic on or to, or stimulated or accommodated by, a proposed facility which is related to increases or other changes in the scale or timing of operations of such facility;

(II) Emissions related to the activities of employees of contractors or federal employees;

(III) Emissions related to employee commutation and similar programs to increase average vehicle occupancy imposed on all

employers of a certain size in the locality; or

(IV) Emissions related to the use of federal facilities under lease or temporary permit.

For the purposes of this definition, even if a federal licensing, rule-making, or other approving action is a required initial step for a subsequent activity that causes emissions, such initial steps do not mean that a federal agency can practically control any resulting emissions.

5. Indirect heating source—A source operation in which fuel is burned for the primary purpose of producing steam, hot water, or hot air, or other indirect heating of liquids, gases, or solids where, in the course of doing so, the products of combustion do not come into direct contact with process materials.

6. Indoor floor covering installation adhesive—An adhesive intended by the manufacturer for use in the installation of wood flooring, carpet, resilient tile, vinyl tile, vinyl-backed carpet, resilient sheet, and roll or artificial grass. Adhesives used to install ceramic tile and perimeter bonded sheet flooring with vinyl backing onto a non-porous substrate, such as flexible vinyl, are excluded from this category.

7. Industrial boiler—A boiler used in manufacturing, processing, mining, and refining, or any other industry to provide steam, hot water, and/or electricity.

8. Industrial solid waste—Solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of the Resource Conservation and Recovery Act, 40 CFR 264 and 265. Such waste may include, but is not limited to, waste resulting from the following manufacturing processes: electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; transportation equipment; and water treatment. This term does not include mining waste or oil and gas waste.

9. Industrial surface coating operation—The surface coating of manufactured items intended for distribution in commerce to persons other than the person or legal entity performing the surface coating.

10. Infectious agent—Any organism (such as a virus or bacteria) that is capable of being communicated by invasion and multiplication in body tissues and capable of causing disease or adverse health impacts in humans.

11. Initial emissions inspection—*[An] For the purpose of 10 CSR 10-5.381, an* emissions inspection consisting of the inspection series that occurs the first time a vehicle is inspected in a compliance cycle.

12. Initial fueling of motor vehicles—The operation, including related equipment, of dispensing gasoline fuel into a newly-assembled motor vehicle equipped with **onboard refueling vapor recovery** (ORVR) at an automobile assembly plant while the vehicle is still being assembled on the assembly line. Newly-assembled motor vehicles being fueled on the assembly line shall be equipped with ORVR and have fuel tanks that have never before contained gasoline fuel.

13. Ink formulation as applied—The base graphic arts coating and any additives such as thinning solvents to make up the ink material that is applied to a substrate.

14. In-line repair—The operation performed and coating(s) applied to correct damage or imperfections in the topcoat on parts that are not yet on a completely-assembled vehicle. The curing of the coatings applied in these operations is accomplished at essentially the same temperature as that used for curing the previously-applied topcoat. Also referred to as high-bake repair or high-bake reprocess and is considered part of the topcoat operation.

15. Innovative control technology—Any system of air pollution control that has not been adequately demonstrated in practice but would have a substantial likelihood of achieving greater continuous emission reduction than any control system in current practice or of

achieving at least comparable reductions at lower cost in terms of energy, economics, or non-air quality environmental impacts.

16. Insignificant activity—An activity or emission unit in which the only applicable requirement would be to list the requirement in an operating permit application under 10 CSR 10-6.065 and is either of the following:

A. Emission units whose aggregate emission levels for the installation do not exceed that of the *de minimis* levels; and

B. Emission units or activities listed in 10 CSR 10-6.061 as exempt or excluded from construction permit review under 10 CSR 10-6.060.

[17. Inspector—An individual, under AHERA, who collects and assimilates information used to determine whether asbestos-containing material is present in a building or other air contaminant sources.]

[18.]17. Installation—All source operations including activities that result in fugitive emissions, that belong to the same industrial grouping (that have the same two (2)-digit code as described in the Standard Industrial Classification Manual, 1987), and any marine vessels while docked at the installation, located on one (1) or more contiguous or adjacent properties and under the control of the same person (or persons under common control).

[19.]18. Institutional cleaning—Cleaning activities conducted at organizations, societies, or corporations including but not limited to schools, hospitals, sanitariums, and prisons.

[20.]19. Institutional vehicle—Any motor vehicle, other than a passenger vehicle, and any trailer, semitrailer, or pole trailer drawn by such a motor vehicle, that is designed, used, and maintained for the transportation of persons or property for an establishment, foundation, society, or the like, devoted to the promotion of a particular cause or program, especially one of a public, educational, or charitable character.

[21.]20. Interior body spray (two (2)- and three (3)-piece)—The surface coating for the interior and ends of a two (2)-piece formed can or the surface coating of the side of the rectangular material to be used as the interior and ends of a three (3)-piece can.

[22.]21. Interior well—Any well or similar collection component located inside the perimeter of the landfill waste. A perimeter well located outside the landfill waste is not an interior well.

[23.]22. Intermediate foil mill—Batch process aluminum foil rolling mill with the work rolls in contact to reduce foil gauge. This process reduces finished sheet to intermediate foil gauges. An intermediate foil mill is used mainly in the production of aluminum foil at gauges between 0.010 inches to 0.0004 inches. Reductions to finish gauge may occur in several passes through the mill.

[24.]23. Intermediate installations—Part 70 installations that become basic state installations based on their potential to emit by accepting the imposition of voluntarily-agreed-to federally-enforceable limitations on the type of materials combusted or processed, operating rates, hours of operation, or emission rates more stringent than those otherwise required by rule or regulation.

[25.]24. Intermittent hospital/medical/infectious waste incinerator (HMIWI)—An HMIWI that is designed to allow waste charging, but not ash removal, during combustion.

[26.]25. Internal combustion engine—Any engine in which power, produced by heat and/or pressure developed in the engine cylinder(s) by burning a mixture of fuel and air, is subsequently converted to mechanical work by means of one (1) or more pistons.

*[27.]26. Internal floating roof—A product cover in a fixed roof tank which rests upon or is floated upon the *[VOC]* volatile organic compound liquid being contained and which is equipped with a sliding seal(s) to close the space between the edge of the covers and tank shell.*

(M) All terms beginning with *[“M.I.”]*

[1. MACT (Maximum achievable control technology)—The maximum degree of reduction in emissions of the hazardous air pollutants listed in subsection (3)(C) of this rule (including a prohibition on these emissions where achievable),

taking into consideration the cost of achieving emissions reductions and any non-air quality health and environmental impacts and requirements, determines is achievable for new or existing sources in the category or subcategory to which this emission standard applies, through application of measures, processes, methods, systems, or techniques including, but not limited to, measures which:

A. Reduce the volume of or eliminate emissions of pollutants through process changes, substitution of materials, or other modifications;

B. Enclose systems or processes to eliminate emissions;

C. Collect, capture, or treat pollutants when released from a process, stack, storage, or fugitive emissions point;

D. Are design, equipment, work practice, or operational standards (including requirements for operational training or certification); or

E. Are a combination of subparagraphs (2)(M)1.A.–D.]

/2./1. Maintenance area—An area that was designated as nonattainment and has been re-designated in 40 CFR 81 to attainment, meeting the provisions of section 107(d)(3)(E) of the Act and has a maintenance plan approved under section 175A of the Act.

/3./2. Maintenance operation—Normal routine maintenance on any stationary internal combustion engine or the use of an emergency standby engine and fuel system during testing, repair, and routine maintenance to verify its readiness for emergency standby use.

/4./3. Maintenance plan—A revision to the applicable Missouri State Implementation Plan [/SIP/], meeting the requirements of section 175A of the /CAA/ Clean Air Act.

/5./4. Major modification—Any physical change or change in the method of operation at an installation or in the attendant air pollution control equipment that would result in a significant net emissions increase of any pollutant. A physical change or a change in the method of operation, unless previously limited by enforceable permit conditions, shall not include:

A. Routine maintenance, repair, and replacement of parts;

B. Use of an alternative fuel or raw material by reason of an order under sections 2(a) and (b) of the Energy Supply and Environmental Coordination Act of 1974, a prohibition under the Power Plant and Industrial Fuel Use Act of 1978, or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;

C. Use of an alternative fuel or raw material, if prior to January 6, 1975, the source was capable of accommodating the fuel or material, unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975;

D. An increase in the hours of operation or in the production rate unless the change would be prohibited under any enforceable permit condition which was established after January 6, 1975; or

E. Use of an alternative fuel by reason of an order or rule under section 125 of the Clean Air Act.

/6./5. Malfunction—A sudden and unavoidable failure of air pollution control equipment or process equipment or of a process to operate in a normal and usual manner. Excess emissions caused by improper design shall not be deemed a malfunction. For the purpose of 10 CSR 10-6.200 [only], malfunction is any sudden, infrequent, and not reasonably-preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused, in part, by poor maintenance or careless operation are not malfunctions. During periods of malfunction the operator shall operate within established parameters as much as possible, and monitoring of all applicable operating parameters shall continue until all waste has been combusted or until the malfunction ceases, whichever comes first.

/7./6. Malfunction indicator lamp (MIL)—An amber-colored warning light located on the dashboard of vehicles equipped with On-Board Diagnostics systems indicating to the vehicle operator that the vehicle either has a malfunction or has deteriorated enough to cause

a potential increase in the vehicle's tailpipe or evaporative emissions.

[8. Management planner—An individual, under AHERA, who devises and writes plans for asbestos abatement.]

/9./7. Manure storage and application systems—Any system that includes but is not limited to lagoons, manure treatment cells, earthen storage ponds, manure storage tanks, manure stockpiles, composting areas, pits and gutters within barns, litter used in bedding systems, all types of land application equipment, and all pipes, hoses, pumps, and other equipment used to transfer manure.

/10./8. Marine vessel—A craft capable of being used as a means of transportation on water, except amphibious vehicles.

/11./9. Maskant—A coating applied directly to an aerospace component to protect those areas when etching other parts of the component.

/12./10. Mask coating—A thin film coating applied through a template to coat a small portion of a substrate.

/13./11. Material safety data sheet (MSDS)—The chemical, physical, technical, and safety information document supplied by the manufacturer of the coating, solvent, or other chemical product.

12. Maximum achievable control technology (MACT)—The maximum degree of reduction in emissions of the hazardous air pollutants listed in subsection (3)(C) of this rule (including a prohibition on these emissions where achievable) that the administrator, taking into consideration the cost of achieving emissions reductions and any non-air quality health and environmental impacts and requirements, determines is achievable for new or existing sources in the category or subcategory to which this emission standard applies, through application of measures, processes, methods, systems, or techniques including, but not limited to, measures which—

A. Reduce the volume of or eliminate emissions of pollutants through process changes, substitution of materials, or other modifications;

B. Enclose systems or processes to eliminate emissions;

C. Collect, capture, or treat pollutants when released from a process, stack, storage, or fugitive emissions point;

D. Are design, equipment, work practice, or operational standards (including requirements for operational training or certification); or

E. Are a combination of subparagraphs (2)(M)12.A.–D of this rule.

/14./13. Maximum charge rate—For continuous and intermittent hospital/medical/infectious waste incinerator (HMIWI), one hundred ten percent (110%) of the lowest three (3)-hour average charge rate measured during the most recent performance test demonstrating compliance with all applicable emission limits; for batch HMIWI, one hundred ten percent (110%) of the lowest daily charge rate measured during the most recent performance test demonstrating compliance with all applicable emission limits.

/15./14. Maximum design heat input—The ability of a unit to combust a stated maximum amount of fuel per hour on a steady state basis, as determined by the physical design and physical characteristics of the unit.

/16./15. Maximum fabric filter inlet temperature—One hundred ten percent (110%) of the lowest three (3)-hour average temperature at the inlet to the fabric filter (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the dioxin/furan emission limit.

/17./16. Maximum flue gas temperature—One hundred ten percent (110%) of the lowest three (3)-hour average temperature at the outlet from the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the mercury (Hg) emission limit.

/18./17. Maximum potential hourly heat input—An hourly heat input used for reporting purposes when a unit lacks certified monitors to report heat input. If the unit intends to use Appendix D of 40 CFR 75 to report heat input, this value should be calculated in accordance with 40 CFR 75, using the maximum fuel flow rate and the

maximum gross calorific value. If the unit intends to use a flow monitor and a diluent gas monitor, this value should be reported in accordance with 40 CFR 75, using the maximum potential flow rate and either the maximum carbon dioxide concentration (in percent CO₂) or the minimum oxygen concentration (in percent O₂).

/19./18. Maximum potential NO_x emission rate—The NO_x emission rate of nitrogen oxides (in lb/mmBtu) calculated in accordance with section 3 of Appendix F of 40 CFR 75, using the maximum potential nitrogen oxides concentration as defined in section 2 of Appendix A of 40 CFR 75, and either the maximum oxygen concentration (in percent O₂) or the minimum carbon dioxide concentration (in percent CO₂), under all operating conditions of the unit except for unit start-up, shutdown, and upsets.

/20./19. Maximum rated hourly heat input—A unit-specific maximum hourly heat input (mmBtu) which is the higher of the manufacturer's maximum rated hourly heat input or the highest observed hourly heat input.

/21./20. Mechanical shoe seal—A metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

/22./21. Medical device—An instrument, apparatus, implement, machine, contrivance, implant, *in vitro* reagent, or other similar article, including any component or accessory that meets one (1) of the following conditions:

A. It is intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease;

B. It is intended to affect the structure or any function of the body; or

C. It is defined in the *National Formulary* or the *United States Pharmacopoeia*, or any supplement to them.

/23./22. Medical/infectious waste—Any waste generated in the diagnosis, treatment, or immunization of human beings or animals, in research pertaining thereto, or in the production or testing of biologicals as exempted in the applicable rule. The definition of medical/infectious waste does not include hazardous waste identified or listed under the regulations in 40 CFR 261; household waste, as defined in 40 CFR 261.4(b)(1); ash from incineration of medical/infectious waste, once the incineration process has been completed; human corpses, remains, and anatomical parts that are intended for interment or cremation; and domestic sewage materials identified in 40 CFR 261.4(a)(1).

A. Cultures and stocks of infectious agents and associated biologicals, including cultures from medical and pathological laboratories; cultures and stocks of infectious agents from research and industrial laboratories; wastes from the production of biologicals; discarded live and attenuated vaccines; and culture dishes and devices used to transfer, inoculate, and mix cultures.

B. Human pathological waste, including tissues, organs, and body parts and body fluids that are removed during surgery or autopsy, or other medical procedures, and specimens of body fluids and their containers.

C. Human blood and blood products including:

(I) Liquid waste human blood;

(II) Products of blood;

(III) Items saturated and/or dripping with human blood;

and

(IV) Items that were saturated and/or dripping with human blood that are now caked with dried human blood including serum, plasma, and other blood components, and their containers, which were used or intended for use in either patient care, testing and laboratory analysis, or the development of pharmaceuticals. Intravenous bags are also included in this category.

D. Sharps that have been used in animal or human patient care or treatment or in medical, research, or industrial laboratories, including hypodermic needles, syringes (with or without the attached

needle), pasteur pipettes, scalpel blades, blood vials, needles with attached tubing, and culture dishes (regardless of presence of infectious agents). Also included are other types of broken or unbroken glassware that were in contact with infectious agents, such as used slides and cover slips.

E. Animal waste including contaminated animal carcasses, body parts, and bedding of animals that were known to have been exposed to infectious agents during research (including research in veterinary hospitals), production of biologicals, or testing of pharmaceuticals.

F. Isolation wastes including biological waste and discarded materials contaminated with blood, excretions, exudates, or secretions from humans who are isolated to protect others from certain highly-communicable diseases, or isolated animals known to be infected with highly-communicable diseases.

G. Unused sharps including the following unused, discarded sharps: hypodermic needles, suture needles, syringes, and scalpel blades.

/24./23. Medium hospital/medical/infectious waste incinerator (HMIWI)—An HMIWI whose maximum design waste burning capacity is more than two hundred pounds (200 lbs) per hour but less than or equal to five hundred pounds (500 lbs) per hour, or a continuous or intermittent HMIWI whose maximum charge rate is more than two hundred pounds (200 lbs) per hour but less than or equal to five hundred pounds (500 lbs) per hour, or a batch HMIWI whose maximum charge rate is more than one thousand six hundred pounds (1,600 lbs) per day, but less than or equal to four thousand pounds (4,000 lbs) per day. The following are not medium HMIWI: a continuous or intermittent HMIWI whose maximum charge rate is less than or equal to two hundred pounds (200 lbs) per hour or more than five hundred pounds (500 lbs) per hour; or a batch HMIWI whose maximum charge rate is more than four thousand pounds (4,000 lbs) per day or less than or equal to one thousand six hundred pounds (1,600 lbs) per day.

/25./24. Metal to urethane/rubber molding or casting adhesive—An adhesive intended by the manufacturer to bond metal to high density or elastomeric urethane or molded rubber materials to fabricate products such as rollers for computer printers or other paper handling equipment.

/26./25. Metallic coating—A coating which contains more than five (5) grams of metal particles per liter of coating as applied. Metal particles are pieces of a pure elemental metal or a combination of elemental metals.

/27./26. Metropolitan planning organization (MPO)—The policy board of an organization created as a result of the designation process in 23 U.S.C. 134(d) and in 49 U.S.C. 5303. It is the forum for cooperative transportation decision-making and is responsible for conducting the planning required under section 174 of the */CAA/ Clean Air Act*.

/28./27. Mid-kiln firing—Secondary firing in kiln systems by injecting fuel at an intermediate point in the kiln system using a specially-designed fuel injection mechanism for the purpose of decreasing NO_x emissions through—

A. The burning of part of the fuel at a lower temperature; and

B. The creation of reducing conditions at the point of initial combustion.

/29./28. Milestone—The meaning given in sections 182(g)(1) and 189(c)(1) of the */CAA/ Clean Air Act*. It consists of an emissions level and the date on which it is required to be achieved.

/30./29. Military specification coating—A coating which has a formulation approved by a United States Military Agency for use on military equipment.

/31./30. Minimum dioxin/furan sorbent flow rate—Ninety percent (90%) of the highest three (3)-hour average dioxin/furan sorbent flow rate (taken, at a minimum, once every hour) measured during the most recent performance test demonstrating compliance with the dioxin/furan emission limit.

/32./31. Minimum mercury (Hg) sorbent flow rate—Ninety

percent (90%) of the highest three (3)-hour average Hg sorbent flow rate (taken, at a minimum, once every hour) measured during the most recent performance test demonstrating compliance with the Hg emission limit.

/33./32. Minimum horsepower or amperage—Ninety percent (90%) of the highest three (3)-hour average horsepower or amperage to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the applicable emission limit.

/34./33. Minimum hydrogen chloride (HCl) sorbent flow rate—Ninety percent (90%) of the highest three (3)-hour average HCl sorbent flow rate (taken, at a minimum, once every hour) measured during the most recent performance test demonstrating compliance with the HCl emission limit.

/35./34. Minimum pressure drop across the wet scrubber—Ninety percent (90%) of the highest three (3)-hour average pressure drop across the wet scrubber particulate matter (PM) control device (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the PM emission limit.

/36./35. Minimum reagent flow rate—Ninety percent (90%) of the highest three (3)-hour average reagent flow rate at the inlet to the selective noncatalytic reduction technology (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the NO_x emissions limit.

/37./36. Minimum scrubber liquor flow rate—Ninety percent (90%) of the highest three (3)-hour average liquor flow rate at the inlet to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with all applicable emission limits.

/38./37. Minimum scrubber liquor pH—Ninety percent (90%) of the highest three (3)-hour average liquor pH at the inlet to the wet scrubber (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with all [HCl] hydrogen chloride emission limits.

/39./38. Minimum secondary chamber temperature—Ninety percent (90%) of the highest three (3)-hour average secondary chamber temperature (taken, at a minimum, once every minute) measured during the most recent performance test demonstrating compliance with the PM, carbon monoxide (CO), dioxin/furan, and NO_x emission limits.

/40./39. Minor violation—A violation which possesses a small potential to harm the environment or human health or cause pollution, was not knowingly committed, and is not defined by the United States Environmental Protection Agency as other than minor.

/41./40. Missouri Decentralized Analyzer System (MDAS)—The emissions inspection equipment that is sold by the state's contractor to licensed emissions inspection stations. The department may approve alternative equipment if the equipment described in this paragraph is no longer available. At a minimum, the vehicle emissions inspection equipment shall consist of the following contractor equipment package:

- A. At least a seventeen-inch (17") Liquid Crystal Display (LCD) monitor;
- B. Universal serial bus (USB) lane camera;
- C. At least a four (4.0) megapixel digital camera and dock;
- D. Fingerprint scanner;
- E. Two hundred fifty-six (256)-megabyte USB flash drive;
- F. Keyboard with plastic keyboard cover and optical mouse;
- G. Printer with ink or toner cartridges and blank paper;
- H. 2D barcode reader;
- I. Windshield sticker printer with blank windshield stickers and thermal cartridge;
- J. On-board diagnostics (OBD) vehicle interface cable with a standard Society of Automotive Engineers J1962/J1978 OBD connector;
- K. OBD verification tool;
- L. Low-speed or high-speed Internet connection capabilities;

M. Surge protector and uninterruptible power supply (UPS);

N. At least a three gigahertz (3.0 GHz) personal computer (DellTM Pentium® 4 or equivalent), with Windows Vista® and one (1) gigabyte of Random Access Memory (RAM); and

O. Metal cabinet to hold all of the components described in this paragraph.

/42./41. Missouri Department of Revenue (MDOR)—The state agency that serves as the central collection agency for all state revenue with primary duties of collecting tax, registering and titling vehicles, and licensing drivers. For the purpose of 10 CSR 10-5.381, the Missouri Department of Revenue is the state agency responsible for the oversight of vehicle registration at contract offices and via the Internet. This agency is also responsible for the registration denial method of enforcement for the vehicle emissions inspection and maintenance program.

/43./42. Missouri Emissions Inventory System (MoEIS)—Online interface of the state of Missouri's air emissions inventory database.

43. Missouri performance evaluation test procedure (MOPETP)—The set of standards and test procedures for evaluating performance of Stage I/II vapor recovery control equipment and systems to be installed or that have been installed in Missouri.

44. Missouri State Highway Patrol (MSHP)—The state law enforcement agency with the primary duties of enforcing the traffic laws and promoting highway safety. For the purpose of 10 CSR 10-5.381, the Missouri State Highway Patrol is the state agency responsible for the oversight of the vehicle safety inspection program and joint oversight with the department of the vehicle emissions inspection and maintenance program.

45. Mitigation measure—any method of reducing emissions of the pollutant or its precursor taken at the location of the federal action and used to reduce the impact of the emissions of that pollutant caused by the action.

46. Mobile equipment—Any equipment that is physically capable of being driven or drawn on a roadway including, but not limited to, the following types of equipment:

- A. Construction vehicles such as mobile cranes, bulldozers, concrete mixers, etc.;
- B. Farming equipment such as a wheel tractor, plow, pesticide sprayer, etc.;
- C. Hauling equipment such as truck trailers, utility bodies, etc.; and
- D. Miscellaneous equipment such as street cleaners, golf carts, etc.

47. Model year—The manufacturer's annual production period which includes January 1 of such calendar year. If the manufacturer has no annual production period, model year shall refer to the calendar year.

48. Modeling domain—A geographic area covered by an air quality model.

49. Modification—Any physical change, or change in method of operation of, a source operation or attendant air pollution control equipment which would cause an increase in potential emissions of any air pollutant emitted by the source operation. For the purpose of 10 CSR 10-5.490 and 10 CSR 10-6.310 [*only*], modification is an increase in the permitted volume design capacity of the landfill by either horizontal or vertical expansion based on its most recent permitted design capacity; modification does not occur until the owner or operator commences construction on the horizontal or vertical expansion. For the purpose of 10 CSR 10-6.165, modification is any change to a source of odor emissions or source operations, including odor controls, that causes or could cause an increase in potential odor emissions.

50. Modification, Title I—See Title I modification.

51. Modified hospital/medical/infectious waste incinerator (HMIWI)—Any change to an HMIWI unit after the effective date of these standards such that the cumulative costs of the modifications,

over the life of the unit, exceed fifty percent (50%) of the original cost of the construction and installation of the unit (not including the cost of any land purchased in connection with such construction or installation) updated to current costs, or the change involves a physical change in or change in the method of operation of the unit which increases the amount of any air pollutant emitted by the unit for which standards have been established under section 129 or section 111 of the *[CAA] Clean Air Act*.

52. Mold release—A coating applied to a mold surface to prevent the mold piece from sticking to the mold as it is removed, or to an aerospace component for purposes of creating a form-in-place seal.

53. Mold seal coating—The initial coating applied to a new mold or a repaired mold to provide a smooth surface which, when coated with a mold-release coating, prevents products from sticking to the mold.

54. Monitoring system—Any monitoring system that meets the requirements as described in a specific rule, including a continuous emissions monitoring system, an excepted monitoring system, or an alternative monitoring system.

55. Monthly throughput—The total volume of gasoline that is loaded into all gasoline storage tanks during a month, as calculated on a rolling thirty (30)-day average.

56. *MOPETP—The Missouri Performance Evaluation Test Procedures, a set of standards and test procedures for evaluating performance of Stage I/II vapor recovery control equipment and systems to be installed or that have been installed in Missouri.]*

57.156. Motor tricycle—A motor vehicle operated on three (3) wheels, including a motorcycle with any conveyance, temporary or otherwise, requiring the use of a third wheel.

58.157. Motor vehicle—Any self-propelled vehicle.

59.158. Motor vehicle adhesive—An adhesive, including glass bonding adhesive, used at an installation that is not an automobile or light duty truck assembly coating installation, applied for the purpose of bonding two (2) motor vehicle surfaces together without regard to the substrates involved.

60.159. Motor vehicle bedliner—A multi-component coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to a cargo bed after the application of topcoat to provide additional durability and chip resistance.

61.160. Motor vehicle cavity wax—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied into the cavities of the motor vehicle primarily for the purpose of enhancing corrosion protection.

62.161. Motor vehicle deadener—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to selected motor vehicle surfaces primarily for the purpose of reducing the sound of road noise in the passenger compartment.

63.162. Motor vehicle gasket/gasket-sealing material—A fluid, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to coat a gasket or replace and perform the same function as a gasket. Automobile and light duty truck gasket/gasket-sealing material includes room temperature vulcanization (*[RTV]*) seal material.

64.163. Motor vehicle glass-bonding primer—A primer, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to windshield or other glass, or to body openings, to prepare the glass or body opening for the application of glass-bonding adhesives or the installation of adhesive-bonded glass. Motor vehicle glass bonding primer includes glass bonding/cleaning primers that perform both functions (cleaning and priming of the windshield or other glass or body openings) prior to the application of adhesive or the installation of adhesive-bonded glass.

65.164. Motor vehicle lubricating wax/compound—A protective lubricating material, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to

motor vehicle hubs and hinges.

66.165. Motor vehicle sealer—A high viscosity material, used at an installation that is not an automobile or light duty truck assembly coating installation, generally, but not always, applied in the paint shop after the body has received an electrodeposition primer coating and before the application of subsequent coatings (e.g., primer-surfacer). Such materials are also referred to as sealant, sealant primer, or caulk.

67.166. Motor vehicle trunk interior coating—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to the trunk interior to provide chip protection.

68.167. Motor vehicle underbody coating—A coating, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to the undercarriage or firewall to prevent corrosion and/or provide chip protection.

69.168. Motor vehicle weatherstrip adhesive—An adhesive, used at an installation that is not an automobile or light duty truck assembly coating installation, applied to weatherstripping materials for the purpose of bonding the weatherstrip material to the surface of the motor vehicle.

70.169. Motorcycle—A motor vehicle operated on two (2) wheels.

71.170. Multi-colored coating—A coating which exhibits more than one (1) color when applied and which is packaged in a single container and applied in a single coat.

72.171. Multi-component coating—A coating requiring the addition of a separate reactive resin, commonly known as a catalyst or hardener, before application to form an acceptable dry film.

73.172. Multi-day violation—A violation which has occurred on or continued for two (2) or more consecutive or nonconsecutive days.

74.173. Multiple-violation penalty—The sum of individual administrative penalties assessed when two (2) or more violations are included in the same complaint or enforcement action.

75.174. Multipurpose construction adhesive—An adhesive intended by the manufacturer for use in the installation or repair of various construction materials, including but not limited to drywall, subfloor, panel, fiberglass reinforced plastic (FRP), ceiling tile, and acoustical tile.

76.175. Municipal solid waste (**MSW**) landfill *[or MSW landfill]*—An entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of Resource Conservation and Recovery Act (RCRA) Subtitle D wastes per 40 CFR 257.2, such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste. Portions of an MSW landfill may be separated by access roads. An MSW landfill may be publicly or privately owned. An MSW landfill may be a new MSW landfill, an existing MSW landfill, or a lateral expansion.

77.176. Municipal solid waste (**MSW**) landfill emissions *[or MSW landfill emissions]*—Gas generated by the decomposition of organic waste deposited in an MSW landfill or derived from the evolution of organic compounds in the waste.

(T) All terms beginning with *“JT.”*

1. Tangentially-fired boiler—A boiler that has coal and air nozzles mounted in each corner of the furnace where the vertical furnace walls meet. Both pulverized coal and air are directed from the furnace corners along a line tangential to a circle lying in a horizontal plane of the furnace.

2. Take or start the federal action—The date that the federal agency signs or approves the permit, license, grant, or contract or otherwise physically begins the federal action that requires a conformity evaluation.

3. Temporary boiler—Any gaseous or liquid fuel boiler that is designed to be, and is capable of being, carried or moved from one (1) location to another. A temporary boiler that remains at a location

for more than one hundred eighty (180) days during any three hundred sixty-five (365)-day period is no longer considered to be a temporary boiler. Any temporary boiler that replaces a temporary boiler at a location and is intended to perform the same or similar function will be included in calculating the consecutive time period.

4. Temporary installation—An installation which operates or emits pollutants less than two (2) years.

5. Texture coat—A coating that is applied to a plastic part which, in its finished form, consists of discrete raised spots of the coating.

6. Thin metal laminating adhesive—An adhesive intended by the manufacturer for use in bonding multiple layers of metal to metal or metal to plastic in the production of electronic or magnetic components in which the thickness of the bond line(s) is less than 0.25 millimeters.

7. Tileboard—A premium interior wall paneling product made of hardboard that is used in high-moisture areas of the home, such as kitchens and bathrooms, and meets the specifications for Class I hardboards as approved by the American National Standards Institute.

8. Tire-derived fuel—The end product of a process that converts whole scrap tires into a specific chipped form capable of being used as fuel.

9. Tire repair—A process that includes expanding a hole, tear, fissure, or blemish in a tire casing by grinding or gouging, applying adhesive, and filling the hole or crevice with rubber.

10. Title I modification—Any modification that requires a permit under 10 CSR 10-6.060 section (7) or (8) or that is subject to any requirement under 10 CSR 10-6.070 or 10 CSR 10-6.080.

11. Title V operating permit—A permit issued under Title V of the */CAA/ Clean Air Act* and 40 CFR 70 or 40 CFR 71.

12. Title V operating permit regulations—The regulations that the administrator has approved or issued as meeting the requirements of Title V of the */CAA/ Clean Air Act* and 40 CFR 70 or 40 CFR 71.

13. Ton or tonnage—Any *"/short ton/"/* (i.e., two thousand pounds (2,000 lbs)). For the purpose of determining compliance with the NO_x budget emissions limitation, total tons for a control period shall be calculated as the sum of all recorded hourly emissions (or the tonnage equivalent of the recorded hourly emissions rates) in accordance with applicable requirements, with any remaining fraction of a ton equal to or greater than one-half (0.50) ton deemed to equal one (1) ton and any fraction of a ton less than one-half (0.50) ton deemed to equal zero (0) tons.

14. Topcoat—The last film-building finishing material applied for the purpose of establishing the color or protective surface, or both, including groundcoat and paint sealer materials, base coat, and clear coat. Nonpermanent final finishes are not topcoats.

15. Total fluoride—The elemental fluorine and all fluoride compounds as measured by reference methods specified in 10 CSR 10-6.030(12) or equivalent or alternative methods.

16. Total of direct and indirect emissions—The sum of direct and indirect emissions increases and decreases caused by the federal action; that is, the net emissions considering all direct and indirect emissions. Any emissions decreases used to reduce such total shall have already occurred or shall be enforceable under state and federal law. The portion of emissions which are exempt or presumed to conform under subsection (3)(C), (D), (E), or (F) of 10 CSR 10-6.300 are not included in the *"/total of direct and indirect emissions/"/* except as provided in subsection (3)(J) of 10 CSR 10-6.300. The *"/total of direct and indirect emissions/"/* includes emissions of criteria pollutants and emissions of precursors of criteria pollutants. The segmentation of projects for conformity analyses when emissions are reasonably foreseeable is not permitted by *[this rule] 10 CSR 10-6.300*.

17. Total organic compounds *(or "TOC")/ (TOC)*—Those compounds measured according to the procedures of EPA Method 18 of 40 CFR 60, Appendix A. For the purposes of measuring molar com-

positions as required in subparagraph (3)(B)3.D. of 10 CSR 10-5.550*;/*, hourly emissions rate as required in subparagraph (3)(B)5.D. of 10 CSR 10-5.550 and paragraph (3)(B)2. of 10 CSR 10-5.550*;/*, and TOC concentration as required in paragraph (4)(A)4. of 10 CSR 10-5.550*;/*; *[T]*the definition of TOC exclude~~s~~ those compounds *[that]* the administrator designates as having negligible photochemical reactivity. The administrator has designated the following organic compounds negligibly reactive: methane; ethane; 1,1,1-trichloroethane; methylene chloride; trichlorofluoromethane; dichlorodifluoromethane; chlorodifluoromethane; trifluoromethane; trichlorotrifluoroethane; dichlorotetrafluoroethane; and chloropentafluoroethane.

18. Total resource effectiveness (TRE) index value *(or "TRE index value")/*—A measure of the supplemental total resource requirement per unit reduction of organic hazardous air pollutants associated with a process vent stream, based on vent stream flow rate, emission rate of volatile organic compound, net heating value, and corrosion properties (whether or not the vent stream contains halogenated compounds) as quantified by the given equations **in 10 CSR 10-5.550**. The TRE index is a decision tool used to determine if the annual cost of controlling a given vent gas stream is acceptable when considering the emissions reduction achieved.

19. Touch-up coating—A coating used to cover minor coating imperfections appearing after the main coating operation.

20. Touch-up and repair operation—That portion of the coating operation that is the incidental application of finishing materials used to cover minor imperfections in the coating finish or to achieve complete coverage. This definition includes out-of-sequence or out-of-cycle coating.

21. Trade waste—The solid, liquid, or gaseous material resulting from construction or the prosecution of any business, trade, or industry or any demolition operation including, but not limited to, plastics, cardboard cartons, grease, oil, chemicals, or cinders.

22. Traffic coatings—Coatings formulated for and applied to public streets, highways, and other surfaces including, but not limited to, curbs, berms, driveways, and parking lots.

23. Transfer efficiency (TE)—Ratio of the amount of coating solids transferred onto a product to the total of coating solids used. In any surface coating operation, TE is the ratio of solids in a coating that adhere on a target surface to the total solids used in the process for coating the target surface.

24. Translucent coating—A coating which contains binders and pigment and is formulated to form a colored, but not opaque, film.

25. Treated wood—Wood that has been subjected to a chemical process or application.

26. Tribal implementation plan (TIP)—A plan to implement the national ambient air quality standards adopted and submitted by a federally-recognized Indian tribal government determined to be eligible under 40 CFR 49.9 and the plan has been approved by *[EPA] the U.S. Environmental Protection Agency*.

27. True vapor pressure—The equilibrium partial pressure exerted by a petroleum liquid as determined in American Petroleum Institute Bulletin 2517, *Evaporation Loss from Floating Roof Tanks*, 1962.

28. Type I etchant—A chemical milling etchant that contains varying amounts of dissolved sulfur and does not contain amines.

29. Type II etchant—A chemical milling etchant that is a strong sodium hydroxide solution containing amines.

(U) All terms beginning with *"/U./"*

1. Uncombined water—The visible condensed water which is not bound, physically or chemically, to any air contaminant.

2. Unit—A fossil-fuel-fired combustion device such as a stationary boiler, combustion turbine, or combined cycle system. For the purpose of 10 CSR 10-6.390 *[only]*, unit is any diesel, lean-burn, or rich-burn stationary internal combustion engine as defined in this rule.

3. Unit load—The total (i.e., gross) output of a unit in any control period (or other specified time period) produced by combusting a given heat input of fuel expressed in terms of—

A. The total electrical generation (expressed as megawatt) produced by the unit, including generation for use within the plant; or

B. In the case of a unit that uses heat input for purposes other than electrical generation, the total steam flow (lb/hr) or total steam pressure (psia) produced by the unit, including steam for use by the unit.

4. Unit operating day—A calendar day in which a unit combusts any fuel.

5. Unit operating hour or hour of unit operation—Any hour or fraction of an hour during which a unit combusts fuel.

6. Unit operations—Discrete processing steps that occur within distinct equipment that are used to prepare reactants, facilitate reactions, separate and purify products, and recycle materials.

7. Untreated wood—Lumber and other wooden materials that have not been chemically treated for resistance to moisture, fire, fungi, insects, and other pests, or has not otherwise been treated or manufactured with chemicals, or that does not contain adhesives or resins. Untreated wood does not include plywood, particleboard, chipboard, and wood with other-than-insignificant quantities of paint, coating, or finish.

[8. U.S. EPA—The United States Environmental Protection Agency.]

[9./8. User source—Any source that seeks to use /ERCs] emission reduction credits to comply with an applicable emission reduction requirement.

[10./9. Utilization—The heat input (expressed in mmBtu/time) for a unit. The unit's total heat input for the control period in each year will be determined in accordance with 40 CFR 75 if the NO_x budget unit was otherwise subject to the requirements of 40 CFR 75 for the year or will be based on the best available data reported to the administrator for the unit if the unit was not otherwise subject to the requirements of 40 CFR 75 for the year.

[11./10. Utilization rate—The amount of an engine's capacity reported in horsepower-hours that is utilized.

(V) All terms beginning with /"JV./"

1. Vacuum-metalizing coating—Topcoats and basecoats that are used in the vacuum-metalizing process.

2. Vapor recovery system—A vapor gathering system capable of collecting the hydrocarbon vapors and gases discharged and a vapor disposal system capable of processing the hydrocarbon vapors and gases so as to limit their emission to the atmosphere.

3. Vapor recovery system modification—Any repair, replacement, alteration, or upgrading of Stage I or Stage II vapor recovery control equipment or gasoline dispensing equipment equipped with Stage II vapor recovery beyond normal maintenance of the system as permitted by the staff director.

4. Vapor tight—When applied to a delivery vessel or vapor recovery system as one that sustains a pressure change of no more than seven hundred fifty (750) pascals (three inches (3") of H₂O) in five (5) minutes when pressurized to a gauge pressure of four thousand five hundred (4,500) pascals (eighteen inches (18") of H₂O) or evacuated to a gauge pressure of one thousand five hundred (1,500) pascals (six inches (6") of H₂O).

5. Varnish—An unpigmented surface coating containing /VOC/ volatile organic compounds and composed of resins, oils, thinners, and driers used to give a glossy surface to wood, metal, etc.

6. Vehicle—Any mechanical device on wheels, designed primarily for use on streets, roads, or highways, except those propelled or drawn by human or animal power or those used exclusively on fixed rails or tracks.

7. Vehicle Inspection Database (VID)—The vehicle inspection database, operated and maintained by the department's contractor. All vehicle emissions inspection information is uploaded by the /MDAS/ Missouri Decentralized Analyzer System inspection equipment to the VID on a real-time basis as soon as each inspection

is complete.

8. Vehicle Inspection Report (VIR)—The vehicle inspection report printed by the /MDAS/ Missouri Decentralized Analyzer System inspection equipment at the conclusion of each vehicle's emissions inspection. The VIR is designed solely to provide information regarding the emissions inspection results to motorists and may not be valid for vehicle registration purposes.

9. Vent—A point of emission from a unit operation. Typical process vents from batch processes include condenser vents, vacuum pumps, steam ejectors, and atmospheric vents from reactors and other process vessels. Vents also include relief valve discharges. Equipment exhaust systems that discharge from unit operations also would be considered process vents.

10. Vent stream—Any gas stream discharge directly from a distillation operation or reactor process to the atmosphere or indirectly to the atmosphere after diversion through other process equipment. The vent stream excludes relief valve discharges and equipment leaks including, but not limited to, pumps, compressors, and valves.

11. Vinyl coating—A functional, decorative, or protective top-coat or printing applied to vinyl-coated fabric or vinyl sheets.

12. Visible emission—Any discharge of an air contaminant, including condensables, which reduces the transmission of light or obscures the view of an object in the background.

13. Volatile organic compounds (VOC)—Any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, that participates in atmospheric photochemical reactions to produce ozone.

A. The following compounds are not considered VOCs because of their known lack of participation in the atmospheric reactions to produce ozone:

CAS #	Compound
138495428	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-10mee)
431890	1,1,1,2,3,3-heptafluoropropane (HFC-227ea)
375031	1,1,1,2,2,3,3-heptafluoro-3-methoxypropane (n-C ₃ F ₇ OCH ₃ or HFE-7000)
690391	1,1,1,3,3,3-hexafluoropropane (HFC-236fa)
679867	1,1,2,2,3-pentafluoropropane (HFC-245ca)
24270664	1,1,2,3,3-pentafluoropropane (HFC-245ea)
431312	1,1,1,2,3-pentafluoropropane (HFC-245eb)
460731	1,1,1,3,3-pentafluoropropane (HFC-245fa)
431630	1,1,1,2,3,3-hexafluoropropane (HFC-236ea)
406586	1,1,1,3,3-pentafluorobutane (HFC-365mfc)
422560	3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)
507551	1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)
354234	1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
1615754	1-chloro-1-fluorethane (HCFC-151a)
163702076	1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxybutane (C ₄ F ₉ OCH ₃ or HFE-7100)
163702087	2-(difluoromethoxymethyl)-1,1,1,2,3,3-heptafluoropropane ((CF ₃) ₂ CFCF ₂ OCH ₃)
163702054	1-ethoxy-1,1,2,2,3,3,4,4-nonafluorobutane (C ₄ F ₉ OC ₂ H ₅ or HFE-7200)

163702065	2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CFCF ₂ OC ₂ H ₅)
297730939	3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)hexane (HFE-7500)
71556	1,1,1-trichloroethane (methyl chloroform) acetone
67641 <i>/25497294/ 75683</i>	1-chloro 1,1,1-difluoroethane (HCFC-142b)
75456	chlorodifluoromethane (HCFC-22)
593704	chlorofluoromethane (HCFC-31)
76153	chloropentafluoroethane (CFC-115)
<i>/63938103/ 2837890</i>	2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
75718	dichlorodifluoromethane (CFC-12)
1717006	1,1-dichloro 1-fluoroethane (HCFC-141b)
<i>/1320372/ 76142</i>	1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114)
<i>/34077877</i>	1,1,1-trifluoro 2,2-dichloroethane (HCFC-123J)
75376	1,1-difluoroethane (HFC-152a)
75105	difluoromethane (HFC-32)
74840	ethane
353366	ethylfluoride (HFC-161)
74828	methane
79209	methyl acetate
75092	methylene chloride (dichloromethane)
98566	parachlorobenzotrifluoride (PCBTf)
354336	pentafluoroethane (HFC-125)
127184	perchloroethylene (tetrachloroethylene)
359353	1,1,2,2-tetrafluoroethane (HFC-134)
811972	1,1,1,2-tetrafluoroethane (HFC-134a)
75694	trichlorofluoromethane (CFC-11)
26523648	1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
306832	1,1,1-trifluoro 2,2-dichloroethane (HCFC-123)
<i>/27987060/ 420462</i>	1,1,1-trifluoroethane (HFC-143a)
75467	trifluoromethane (HFC-23)
107313	methyl formate (HCOOCH ₃)
0	1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethylpentane (C ₂ F ₅ CF(OCH ₃)CF(CF ₃) ₂ or HFE-7300)
108327	propylene carbonate (C ₄ H ₆ O ₃)
616386	dimethyl carbonate (C ₃ H ₆ O ₃)
Perfluorocarbon compounds	in the following classes:
0	Cyclic, branched or linear, completely fluorinated alkanes
0	Cyclic, branched or linear, completely fluorinated ethers with no unsaturations
0	Cyclic, branched or linear, completely methylated siloxanes
0	Cyclic, branched or linear, completely fluorinated tertiary amines with no unsaturations
0	Sulfur-containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine

VOC may be measured by a reference method, an equivalent method, an alternative method, or by procedures specified in either 10 CSR 10-6.030 or 40 CFR 60. These methods and procedures may measure nonreactive compounds, so an owner or operator must exclude these nonreactive compounds when determining compliance.

B. The following compound(s) are considered VOC for purposes of all record keeping, emissions reporting, photochemical dispersion modeling, and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements.

CAS #	Compound
540885	t-butyl acetate

14. Volatile organic liquid—Any substance which is a liquid at storage conditions and which contains one (1) or more volatile organic compounds as defined in this rule.

15. Volatility—For purposes of 10 CSR 10-5.540 [*only*], low volatility materials are defined as those which have a vapor pressure less than or equal to seventy-five (75) mmHg at twenty degrees Celsius (20 °C), moderate volatility materials have a vapor pressure greater than seventy-five (75) and less than or equal to one hundred fifty (150) mmHg at twenty degrees Celsius (20 °C), and high volatility materials have a vapor pressure greater than one hundred fifty (150) mmHg at twenty degrees Celsius (20 °C). To evaluate **volatile organic compound (VOC)** volatility for single unit operations that service numerous VOCs or for processes handling multiple VOCs, the weighted average volatility can be calculated from knowing the total amount of each VOC used in a year, and the individual component vapor pressure, per the equation in paragraph (1)(E)1. of 10 CSR 10-5.540.

(W) All terms beginning with *I/W/I/*

1. Wall-fired boiler—A boiler that has pulverized coal burners arranged on the wall of the furnace. The burners have discrete, individual flames that extend perpendicularly into the furnace area.

2. Washcoat—A transparent special-purpose coating having a solids content by weight of twelve percent (12%) or less. They are applied over initial stains to protect and control color and to stiffen the wood fibers in order to aid sanding.

3. Washing—Purifying, cleaning, or removing impurities from coal by mechanical process, regardless of the cleaning medium used.

4. Washoff operations—Those operations in which organic solvent is used to remove coating from a substrate.

5. Waste generator—The business entity that is directly responsible for the supervision of activities that result in the accumulation of friable asbestos-containing waste materials.

6. Waxy, heavy pour crude oil—A crude oil with a pour point of fifty degrees Fahrenheit (50 °F) or higher as determined by the ASTM Standard D (97-66), *Test for Pour Point of Petroleum Oils*.

7. Waterproof resorcinol glue—A two (2)-part resorcinol-resin-based adhesive designed for applications where the bond line must be resistant to conditions of continuous immersion in fresh or salt water.

8. Web—A printing process where a continuous roll of substrate is fed into the press.

9. Wet cleaning—The process of using water or other liquid and a wet brush, mop, cloth, sponge, or similar wet cleaning device to completely remove any residue of asbestos-containing materials from surfaces on which they may be located. This definition does not include the use of a wet vacuum cleaner.

10. Wet scrubber—An add-on air pollution control device that utilizes an alkaline scrubbing liquor to collect particulate matter (including nonvaporous metals and condensed organics) and/or to absorb and neutralize acid gases.

11. Wood furniture—Any product made of wood, a wood product such as rattan or wicker, or an engineered wood product such as

particleboard that is manufactured under any of the following standard industrial classification codes: 2434, 2511, 2512, 2517, 2519, 2521, 2531, 2541, 2599, or 5712.

12. Wood furniture component—Any part that is used in the manufacture of wood furniture. Examples include, but are not limited to, drawer sides, cabinet doors, seat cushions, and laminated tops.

13. Wood furniture manufacturing operations—The finishing, cleaning, and washoff operations associated with the production of wood furniture or wood furniture components.

14. Work area—A specific room or physically-isolated portion of a room, other than the space enclosed within a glove bag, in which friable asbestos-containing material is required to be handled in accordance with 10 CSR 10-*/6.240/6.241*. The area is designated as a work area from the time that the room, or portion of it, is secured and access restrictions are in place. The area remains designated as a work area until the time that it has been cleaned in accordance with any requirements applicable to these operations.

15. Working day—A day, or any part of a day, in which a facility is engaged in manufacturing.

- (X) All terms beginning with *I*"*JX.I*"
- (Y) All terms beginning with *I*"*TY.I*"
- (Z) All terms beginning with *I*"*JZ.I*"

(3) General Provisions. Common reference tables are provided in this section of the rule.

(C) Table 3—Hazardous Air Pollutants.

CAS #	Hazardous Air Pollutant
75070	Acetaldehyde
60355	Acetamide
75058	Acetonitrile
98862	Acetophenone
53963	2-Acetylaminofluorene
107028	Acrolein
79061	Acrylamide
79107	Acrylic acid
107131	Acrylonitrile
107051	Allyl chloride
92671	4-Aminobiphenyl
62533	Aniline
90040	o-Anisidine
1332214	Asbestos
71432	Benzene (including from gasoline)
92875	Benzidine
98077	Benzotrichloride
100447	Benzyl chloride
92524	Biphenyl
117817	Bis(2-ethylhexyl)phthalate (DEHP)
542881	Bis(chloromethyl)ether
75252	Bromoform
106990	1,3-Butadiene
156627	Calcium cyanamide
133062	Captan
63252	Carbaryl
75150	Carbon disulfide
56235	Carbon tetrachloride
463581	Carbonyl sulfide
120809	Catechol
133904	Chloramben
57749	Chlordane
7782505	Chlorine
79118	Chloroacetic acid
532274	2-Chloroacetophenone
108907	Chlorobenzene
510156	Chlorobenzilate
67663	Chloroform
107302	Chloromethyl methyl ether
126998	Chloroprene
1319773	Cresols/Cresylic acid (isomers and mixture)
108394	m-Cresol
95487	o-Cresol
106445	p-Cresol
98828	Cumene
94757	2,4-D, salts and esters
3547044	DDE
334883	Diazomethane
132649	Dibenzofurans
96128	1,2-Dibromo-3-chloropropane
84742	Diethylphthalate
106467	1,4-Dichlorobenzene(p)
1941	3,3-Dichlorobenzidene
111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)
542756	1,3-Dichloropropene
62737	Dichlorvos
111422	Diethanolamine
121697	N,N-Diethyl aniline (N,N-Dimethylaniline)
64675	Diethyl sulfate
119904	3,3-Dimethoxybenzidine
60117	Dimethyl aminoazobenzene
119937	3,3-Dimethyl benzidine
79447	Dimethyl carbamoyl chloride
68122	Dimethyl formamide
57147	1,1-Dimethyl hydrazine
131113	Dimethyl phthalate
77781	Dimethyl sulfate
534521	4,6-Dinitro-o-cresol and salts
51285	2,4-Dinitrophenol
121142	2,4-Dinitrotoluene
123911	1,4-Dioxane (1,4-Diethyleneoxide)
122667	1,2-Diphenylhydrazine
106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
106887	1,2-Epoxybutane
140885	Ethyl acrylate
100414	Ethyl benzene
51796	Ethyl carbamate (Urethane)
75003	Ethyl chloride (Chloroethane)
106934	Ethylene dibromide (1,2-Dibromoethane)
107062	Ethylene dichloride (1,2-Dichloroethane)
107211	Ethylene glycol
151564	Ethylene imine (Aziridine)
75218	Ethylene oxide
96457	Ethylene thiourea
75343	Ethyldene dichloride (1,1-Dichloroethane)
50000	Formaldehyde
76448	Heptachlor
118741	Hexachlorobenzene
87683	Hexachlorobutadiene
77474	Hexachlorocyclopentadiene
67721	Hexachloroethane
822060	Hexamethylene-1,6-diisocyanate
680319	Hexamethylphosphoramide
110543	Hexane
302012	Hydrazine
7647010	Hydrochloric acid
7664393	Hydrogen fluoride (hydrofluoric acid)
123319	Hydroquinone
78591	Isophorone
58899	Lindane (all isomers)
108316	Maleic anhydride
67561	Methanol
72435	Methoxychlor
74839	Methyl bromide (Bromomethane)
74873	Methyl chloride (Chloromethane)
71556	Methyl chloroform (1,1,1-Trichloroethane)
60344	Methyl hydrazine

74884	Methyl iodide (Iodomethane)	0	Cobalt compounds
108101	Methyl isobutyl ketone (Hexone)	0	Coke oven emissions
624839	Methyl isocyanate	0	Cyanide compounds ¹
80626	Methyl methacrylate	0	Glycol ethers ²
1634044	Methyl tert butyl ether	0	Lead compounds
101144	4,4-Methylene bis(2-chloroaniline)	0	Manganese compounds
75092	Methylene chloride (Dichloromethane)	0	Mercury compounds
101688	Methylene diphenyl diisocyanate (MDI)	0	Fine mineral fibers ³
101779	4,4-Methylenedianiline	0	Nickel compounds
91203	Naphthalene	0	Polycyclic organic matter ⁴
98953	Nitrobenzene	0	Radionuclides (including radon) ⁵
92933	4-Nitrobiphenyl	0	Selenium compounds
100027	4-Nitrophenol	0	
79469	2-Nitropropane		
684935	N-Nitroso-N-methylurea		
62759	N-Nitrosodimethylamine		
59892	N-Nitrosomorpholine		
56382	Parathion		
82688	Pentachloronitrobenzene (Quintobenzene)		
87865	Pentachlorophenol		
108952	Phenol		
106503	p-Phenylenediamine		
75445	Phosgene		
7803512	Phosphine		
7723140	Phosphorus		
85449	Phthalic anhydride		
1336363	Polychlorinated biphenyls (Aroclors)		
1120714	1,3-Propane sultone		
57578	beta-Propiolactone		
123386	Propionaldehyde		
114261	Propoxur (Baygon)		
78875	Propylene dichloride (1,2-Dichloropropane)		
75569	Propylene oxide		
75558	1,2-Propylenimine (2-Methylaziridine)		
91225	Quinoline		
106514	Quinone		
100425	Styrene		
96093	Styrene oxide		
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin		
79345	1,1,2,2-Tetrachloroethane		
127184	Tetrachloroethylene (Perchloroethylene)		
7550450	Titanium tetrachloride		
108883	Toluene		
95807	2,4-Toluene diamine		
584849	2,4-Toluene diisocyanate		
95534	o-Toluidine		
8001352	Toxaphene (chlorinated camphene)		
120821	1,2,4-Trichlorobenzene		
79005	1,1,2- <i>/Trichloromethane/Trichloroethane</i>		
79016	Trichloroethylene		
95954	2,4,5-Trichlorophenol		
88062	2,4,6-Trichlorophenol		
121448	Triethylamine		
1582098	Trifluralin		
540841	2,2,4-Trimethylpentane		
108054	Vinyl acetate		
593602	Vinyl bromide (bromoethene)		
75014	Vinyl chloride		
75354	Vinylidene chloride (1,1-Dichloroethylene)		
1330207	Xylenes (isomers and mixture)		
108383	m-Xylenes		
95476	o-Xylenes		
106423	p-Xylenes		
0	Antimony compounds		
0	Arsenic compounds (inorganic including arsine)		
0	Beryllium compounds		
0	Cadmium compounds		
0	Chromium compounds		

Note: For all listings in this table that contain the word compounds and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (that is, antimony, arsenic, and the like) as part of that chemical's infrastructure.

¹ X'CN where X-H' or any other group where a formal dissociation may occur, for example, KCN or Ca(CN)₂.

² Includes mono- and diethers of ethylene glycol, diethylene glycol and triethylene glycol R-(OCH₂CH₂)_n-OR' where n = 1, 2, or 3; R = Alkyl or aryl groups; R' = R, H, or groups which, when removed, yield glycol ethers with the structure R-(OCH₂CH₂)_n-OH. Polymers and ethylene glycol monobutyl ether are excluded from the glycol category.

³ Includes glass microfibers, glass wool fibers, rock wool fibers, and slag wool fibers, each characterized as respirable (fiber diameter less than three and one-half (3.5) micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) greater than or equal to three (3), as emitted from production of fiber and fiber products.

⁴ Includes organic compounds with more than one (1) benzene ring, and which have a boiling point greater than or equal to one hundred degrees Celsius (100 °C).

⁵ A type of atom which spontaneously undergoes radioactive decay.

AUTHORITY: section 643.050, *RSMo Supp. 2011*, and section 643.055, *RSMo 2000*. Original rule filed Aug. 16, 1977, effective Feb. 11, 1978. For intervening history, please consult the *Code of State Regulations*. Amended: Filed July 3, 2012.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: A public hearing on this proposed amendment will begin at 9:00 a.m., September 27, 2012. The public hearing will be held at Hampton Inn & Suites, Plaza C, 4600 Summit Street, Kansas City, Missouri. Opportunity to be heard at the hearing shall be afforded any interested person. Interested persons, whether or not heard, may submit a written or email statement of their views until 5:00 p.m., October 4, 2012. Written comments shall be sent to Chief, Air Quality Planning Section, Missouri Department of Natural Resources' Air Pollution Control Program, PO Box 176, Jefferson City, MO 65102-0176. Email comments shall be sent to *apcprule-spn@dnr.mo.gov*.

**Title 20—DEPARTMENT OF INSURANCE,
FINANCIAL INSTITUTIONS AND PROFESSIONAL
REGISTRATION**
Division 2220—State Board of Pharmacy
Chapter 4—Fees Charged by the Board of Pharmacy

PROPOSED AMENDMENT

20 CSR 2220-4.010 General Fees. The board is amending subsection (1)(D).

PURPOSE: The Board of Pharmacy is statutorily obligated to enforce and administer the provisions of Chapter 338, RSMo, governing the practice of pharmacy. Pursuant to section 338.070, RSMo, the board shall set the appropriate amount of fees by rule, so that the revenue produced shall not substantially exceed the cost and expense of administering the provisions of Chapter 338, RSMo. Based on the board's five- (5-) year projections, the board is proposing to reduce the pharmacist renewal fee.

(1) The following fees are established by the State Board of Pharmacy:

(D) Pharmacist License Renewal Fee \$/225/ **200**

AUTHORITY: sections 338.020, 338.040, 338.060, 338.070, [338.140,] 338.185, 338.280, and 338.350, RSMo 2000, and sections [338.013,] 338.035, 338.140, [and] 338.220, and 338.335, RSMo Supp. [2007] 2011. This rule originally filed as 4 CSR 220-4.010. Emergency rule filed July 15, 1981, effective Aug. 3, 1981, expired Nov. 11, 1981. Original rule filed Aug. 10, 1981, effective Nov. 12, 1981. For intervening history, please consult the Code of State Regulations. Emergency amendment filed July 6, 2012, effective July 31, 2012, expires Feb. 28, 2013. Amended: Filed July 6, 2012.

PUBLIC COST: This proposed amendment will cost state agencies or political subdivisions approximately two hundred seven thousand three hundred seventy-five dollars (\$207,375) biennially for the life of the rule. It is anticipated that the costs will recur for the life of the rule, may vary with inflation, and are expected to increase at the rate projected by the Legislative Oversight Committee.

PRIVATE COST: This proposed amendment will save private entities approximately two hundred seven thousand three hundred seventy-five dollars (\$207,375) biennially for the life of the rule. It is anticipated that the savings will recur for the life of the rule, may vary with inflation, and are expected to increase at the rate projected by the Legislative Oversight Committee.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Board of Pharmacy, PO Box 625, 3605 Missouri Boulevard, Jefferson City, MO 65102, by facsimile at (573) 526-3464, or via email at pharmacy@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

PUBLIC ENTITY FISCAL NOTE

I. RULE NUMBER

Title 20 -Department of Insurance, Financial Institutions and Professional Registration

Division 2220 - State Board of Pharmacy

Chapter 4 - Fees Charged by the Board of Pharmacy

Proposed Amendment to 20 CSR 2220-4.010 General Fees

Prepared July 5, 2012 by the Division of Professional Registration

II. SUMMARY OF FISCAL IMPACT

Affected Agency or Political Subdivision	Estimated Revenue
State Board of Pharmacy	(\$207,375)
Total Revenue Annually for the Life of the Rule	(\$207,375)

III. WORKSHEET

See Private Entity Fiscal Note

IV. ASSUMPTION

1. The total loss of revenue is based on the cost savings reflected in the Private Entity Fiscal Note filed with this rule.
2. The board utilizes a rolling five year financial analysis process to evaluate its fund balance, establish fee structure and assess budgetary needs. The five year analysis is based on the projected revenue, expenses and number of licensees. Based on the board's recent five year analysis, the board voted on a reduction in the pharmacist renewal fee.
3. It is anticipated that the total loss in revenue will begin FY2013, may vary with inflation and is expected to increase at the rate projected by the Legislative Oversight Committee.
4. The board is statutorily obligated to enforce and administer the provisions of Chapter 338, RSMo governing the practice of pharmacy. Pursuant to section 338.070, RSMo, the board of pharmacy shall by rule set the amount of the fees which this chapter authorizes and requires. The fees shall be set at a level to produce revenue which shall not substantially exceed the cost and expense of administering this chapter.

PRIVATE ENTITY FISCAL NOTE**I. RULE NUMBER****Title 20 -Department of Insurance, Financial Institutions and Professional Registration****Division 2220 - State Board of Pharmacy****Chapter 4 - Fees Charged by the Board of Pharmacy****Proposed Amendment to 20 CSR 2220-4.010 General Fees**

Prepared July 5, 2012 by the Division of Professional Registration

II. SUMMARY OF FISCAL IMPACT

Estimate the number of entities by class which would likely be affected by the adoption of the proposed rule:	Classification by type of the business entities which would likely be affected:	Estimated cost of compliance with the rule by affected entities:
8,295	Pharmacist (Renewal Fee Decrease @ \$25)	\$207,375
	Estimated Biennial Savings for the Life of the Rule	\$207,375

III. WORKSHEET

See Table Above

IV. ASSUMPTION

1. The above figures are based on FY2008 - FY2012 actuals.
2. It is anticipated that the total fiscal savings will occur beginning in FY2013, may vary with inflation, and is expected to increase at the rate projected by the Legislative Oversight Committee.
3. The board is statutorily obligated to enforce and administer the provisions of Chapter 338, RSMo governing the practice of pharmacy. Pursuant to section 338.070, RSMo, the board of pharmacy shall by rule set the amount of the fees which this chapter authorizes and requires. The fees shall be set at a level to produce revenue which shall not substantially exceed the cost and expense of administering this chapter.

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order of rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted which has been changed from that contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments which are opposed in whole or in part to the proposed rule. The ninety (90)-day period during which an agency shall file its order of rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the proposed rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

Title 8—DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS

Division 10—Division of Employment Security Chapter 3—Unemployment Insurance

ORDER OF RULEMAKING

By the authority vested in the Division of Employment Security under sections 288.040 and 288.070, RSMo Supp. 2011, and section 288.220.5., RSMo 2000, the division amends a rule as follows:

8 CSR 10-3.010 Registration and Claims in General is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on May 1, 2012 (37 MoReg 679). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure Chapter 40—Comprehensive Emergency Medical Services Systems Regulations

ORDER OF RULEMAKING

By the authority vested in the Missouri Department of Health and

Senior Services under sections 190.165 and 190.185, RSMo Supp. 2011, the department amends a rule as follows:

19 CSR 30-40.365 Reasons and Methods the Department Can Use to Take Administrative Licensure Actions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 2, 2012 (37 MoReg 523). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Department of Health and Senior Services received three (3) letters with one (1) comment.

COMMENT #1: Mid-America Regional Council Emergency Rescue, Missouri Emergency Medical Services Association, and Missouri Ambulance Association all submitted the same comment written by Harvey M. Tettlebaum. Mr. Tettlebaum commented that although the proposed amendment appears to be consistent with the statute, the department should use its regulatory authority provided in section 190.185, RSMo, to bring the new subsections (2)(O), (P), and (Q) closer to meeting the constitutional standard required in Article I, Section 10 of the *Missouri Constitution* and the Fifth and Fourteenth Amendments of the *United States Constitution*.

RESPONSE: The language in the proposed amendment is identical to that used in the statute. All of the reasons and methods the department can use to take administrative licensure action in the rule, in both the paragraphs proposed to be amended and those not amended, mirror the applicable statute, section 190.165, RSMo. Regardless of the language in the applicable statute, the department is bound by the *United States* and *Missouri Constitutions*. Therefore, after careful consideration no changes have been made to the rule as a result of this comment.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure Chapter 81—Certification

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under section 536.021, RSMo Supp. 2011, the department rescinds a rule as follows:

19 CSR 30-81.015 Resident Assessment Instrument is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on April 2, 2012 (37 MoReg 523). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES

Division 30—Division of Regulation and Licensure Chapter 86—Residential Care Facilities and Assisted Living Facilities

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 198.073 and 198.076, RSMo Supp. 2011, the department amends a rule as follows:

19 CSR 30-86.043 Administrative, Personnel, and Resident Care Requirements for Facilities Licensed as a Residential Care Facility II on August 27, 2006 that Will Comply with Residential Care Facility II Standards is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 2, 2012 (37 MoReg 524-525). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The department received eight (8) comments on the proposed amendment.

COMMENT #1: Keith Sappington, Executive Director of Missouri Assisted Living Association, opposes amendments to any part of this regulation set based on section 198.073, RSMo.

RESPONSE: The department acknowledges that section 198.073.3, RSMo, prohibits amending the administrative, personnel, and resident care requirements for facilities licensed as a residential care facility II (RCF II) on August 27, 2006. However, the department opened this regulation set in order to be consistent with statutory changes regarding criminal background checks (CBC) and employee disqualification list (EDL) checks and the licensing of administrators. In 2011, the Missouri Board of Nursing Home Administrators (BNHA) modified its licensure requirements to issue separate licenses to administrators of RCF IIs and assisted living facilities. The department would be required to enforce a more stringent standard for an RCF II administrator versus an administrator at an assisted living facility if not permitted to revise the administrator language in this rule. The statutory language regarding CBC and EDL requirements was modified by the legislature in 2003. The department believes the proposed revisions provide an opportunity to be consistent with those legislative changes as well as the regulations in 19 CSR 30-86.042 and 19 CSR 30-86.047. No changes have been made to the rule as a result of this comment.

COMMENT #2: Keith Sappington commented that the proposed language in section (11) deals with two (2) separate and distinct issues: acts by persons who affect the health, safety, and welfare of residents; and the employee disqualification list. This should be broken into two (2) different rules.

RESPONSE: The department does not believe the regulation needs to be separated into two (2) different requirements. This would require renumbering of the sections throughout that has not been available for public review and/or comment. The department added the proposed language in order to be consistent with the language provided in regulation sets 19 CSR 30-86.042(10) and 19 CSR 30-86.047(12). No changes have been made to the rule as a result of this comment.

COMMENT #3: Keith Sappington commented that the proposed language in section (11) listing a few select examples such as "scout groups, bingo leaders, or sing-along leaders" should be removed to avoid confusion.

RESPONSE: The department worked in cooperation with and the recommendation of industry representatives during the 2006/2007 assisted living bill legislation to develop and add this definition of volunteers. This language is consistent with language that is provided in regulations 19 CSR 30-86.042(10) and 19 CSR 30-86.047(12). No changes have been made to the rule as a result of this comment.

COMMENT #4: Keith Sappington commented that the proposed

classification in paragraph (11)(A)1. should not be changed from a class II/III to a class I/II because there are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: Since paragraph (11)(A)1. does not exist in this regulation the department can only assume the comments should be addressed to the proposed language in paragraph (12)(A)1. This is a statutory requirement; therefore it must be, at a minimum, classified as a II. The department believes residents will be placed in imminent danger if facilities hire or retain individuals who have been convicted of, found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11). No changes have been made to the rule as a result of this comment.

COMMENT #5: Keith Sappington commented that the proposed classification in paragraph (11)(A)2. should not be changed from a class II/III to a class I/II because there are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: Since paragraph (11)(A)2. does not exist in this regulation the department can only assume the comments should be addressed to the proposed language in paragraph (12)(A)2. This is a statutory requirement; therefore it must be, at a minimum, classified as a II. The department believes residents will be placed in imminent danger if facilities retain hired individuals who have been convicted of, found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11)(A)2. and in the proposed change to regulation 19 CSR 30-86.047(13)(A)2. No changes have been made to the rule as a result of this comment.

COMMENT #6: Keith Sappington commented that the proposed classification in subsection (11)(B) should not be changed from a class II/III to a class I/II because there are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: Since subsection (11)(B) does not exist in this regulation the department can only assume the comments should be addressed to the proposed language in subsection (12)(B). The department did not make any changes in the classification. The classification is actually listed as a II/III, not I/II. Additionally, this classification is consistent with the regulation in 19 CSR 30-86.042(11)(B) and 19 CSR 30-86.047(13)(B). No changes have been made to the rule as a result of this comment.

COMMENT #7: Keith Sappington commented that the proposed classification in subsection (11)(C) should not be changed from a class II/III to a class I/II because there are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: Since subsection (11)(C) does not exist in this regulation the department can only assume the comments should be addressed to the proposed language in subsection (12)(C). The department believes residents will be placed in imminent danger if facilities hire and retain contracted professionals who are found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11)(D) and regulation 19 CSR 30-86.047(13)(D). No changes have been made to the rule as a result of this comment.

COMMENT #8: Keith Sappington commented that the criminal background checks would cost private entities more than five hundred dollars (\$500) because the department included people who would have "potential" contact with all residents.

RESPONSE: The word "potential" can be found in the last sentence of the proposed language in section (11). In regard to this particular sentence, the department is proposing employee disqualification list (EDL) checks for those serving as volunteer facility chaplains. The

department is not requiring criminal background checks for such individuals. There is no fee associated with EDL checks on the department website. No changes have been made to the rule as a result of this comment.

Title 19—DEPARTMENT OF HEALTH AND SENIOR SERVICES
Division 30—Division of Regulation and Licensure
Chapter 86—Residential Care Facilities and Assisted Living Facilities

ORDER OF RULEMAKING

By the authority vested in the Department of Health and Senior Services under sections 198.073 and 198.076, RSMo Supp. 2011, the department amends a rule as follows:

19 CSR 30-86.047 Administrative, Personnel, and Resident Care Requirements for Assisted Living Facilities is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 2, 2012 (37 MoReg 525–526). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The department received eight (8) comments on the proposed amendment.

COMMENT #1: Keith Sappington, Executive Director of Missouri Assisted Living Association, commented the language in subsection (4)(G) is vague and needs to be clarified regarding the seven items identified as home-like.

RESPONSE: This subsection was not opened for comment. The department believes this would add a new requirement that has not been available for public review and/or comment. In 2007, the department promulgated the definition of home-like for clarification purposes. This definition can be found in 19 CSR 30-83.010 Definition of Terms. It includes references on how a facility is designed. No changes have been made to the rule as a result of this comment.

COMMENT #2: Keith Sappington commented that the language in section (8) regarding administrator absences is confusing and that limiting their absences could possibly conflict with federal employee leave requirements or various employment and union contracts. The last sentence of section (8) should be removed.

RESPONSE: The department opened this section to revise the language regarding the licensing of administrators. The department is willing to review the language regarding absences the next time this regulation is open for review. No changes have been made to the rule as a result of this comment.

COMMENT #3: Keith Sappington commented that the proposed language in section (12) deals with two (2) separate and distinct issues: acts by persons who affect the health, safety, and welfare of residents; and the employee disqualification list. This should be broken into two (2) different rules.

RESPONSE: The department does not believe the regulation needs to be separated into two (2) different requirements. This would require renumbering of the sections throughout that has not been available for public review and/or comment. The department added the proposed language in order to be consistent with the language provided in regulation 19 CSR 30-86.042(10) and proposed language in 19 CSR 30-86.043(11). No changes have been made to the rule as a result of this comment.

COMMENT #4: Keith Sappington commented that the proposed language in section (12) listing a few select examples such as “scout groups, bingo leaders, or sing-along leaders” should be removed to avoid confusion.

RESPONSE: The department worked in cooperation with and the recommendation of industry representatives during the 2006/2007 assisted living bill legislation to develop and add this definition of volunteers. This language is consistent with language that is provided in regulation 19 CSR 30-86.042(10). No changes have been made to the rule as a result of this comment.

COMMENT #5: Keith Sappington commented that the proposed classification in paragraph (13)(A)1. should not be changed from a class II/III to a class I/II. Simply failing to check the employee disqualification list does not rise to the level of class I. There are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: This is a statutory requirement; therefore it must be, at a minimum, classified as a II. This regulation is about disclosure of a criminal history not the employee disqualification list checks. The department believes residents will be placed in imminent danger if facilities hire or retain individuals who have been convicted of, found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11) and proposed language in 19 CSR 30-86.043(12)(A)1. No changes have been made to the rule as a result of this comment.

COMMENT #6: Keith Sappington commented that the proposed classification in paragraph (13)(A)2. should not be changed from a class II/III to a class I/II. Simply failing to check the employee disqualification list does not rise to the level of class I. There are other rules which cover harm to residents that are classified as a I or I/II.

RESPONSE: This is a statutory requirement; therefore it must be, at a minimum, classified as a II. This regulation is about criminal background check information not the employee disqualification list checks. The department believes residents will be placed in imminent danger if facilities hire or retain individuals who have been convicted of, found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11) and proposed language in 19 CSR 30-86.043(12)(A)2. No changes have been made to the rule as a result of this comment.

COMMENT #7: Keith Sappington commented that the proposed classification in subsection (13)(D) does not rise to the level of imminent danger and the classification should remain II/III.

RESPONSE: The department did not change this classification. The classification has always been a I/II. However, the department does believe residents will be placed in imminent danger if facilities hire and retain contracted professionals who are found guilty of, pled guilty to, or pled *nolo contendere* to a class A or B felony in violation of Chapters 565, 566, or 569, RSMo. This classification is consistent with the regulation in 19 CSR 30-86.042(11)(D) and the proposed language in 19 CSR 30-86.043(12)(C). No changes have been made to the rule as a result of this comment.

COMMENT #8: Keith Sappington commented that the criminal background checks would cost private entities more than five hundred dollars (\$500) because the department included people who would have “potential” contact with all residents.

RESPONSE: The proposed word “potential” can be found in the last sentence in section (12). In regard to this particular sentence, the department is proposing employee disqualification list (EDL) checks for those serving as volunteer facility chaplains. The department is not requiring criminal background checks for such individuals. There is no fee associated with EDL checks on the department website. No changes have been made to the rule as a result of this comment.

Updated: 7/9/2012 12:02:18 PM

Construction Transient Employers

The following is a list of all construction contractors performing work on construction projects in Missouri who are known by the Department of Revenue to be transient employers pursuant to Section 285.230, RSMo. This list is provided as a guideline to assist public bodies with their responsibilities under this section that states, "any county, city, town, village or any other political subdivision which requires a building permit for a person to perform certain construction projects shall require a transient employer to show proof that the employer has been issued a tax clearance and has filed a financial assurance instrument as required by Section 285.230 before such entity issues a building permit to the transient employer."

<u>Contractor</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
3 G CONSTRUCTION COMPANY	1820 E DEER VALLEY RD	PHOENIX	AZ	85024
A & B PROCESS SYSTEMS CORP	201 S WISCONSIN AVE	STRATFORD	WI	54484
A & K RENTALS LLC	11325 EIFF RD	MARISSA	IL	62257
A I E S CONSTRUCTION LLC	64 SHADY LANE	BELLEVILLE	IL	62221
A I INTERNATIONAL INC	414 TERRY BLVD	LOUISVILLE	KY	40229
A MALLORY CONCRETE CONTRACTING INC	17601 STORAGE ROAD #7	OMAHA	NE	68145
A TURF INC	505 AERO DR	CHEEKTONWAGA	NY	14225
ABAT BUILDERS INC	10700 W HIGGINS RD ST 350	ROSEMONT	IL	60018
ABAYLA CONTRACTING SERVICES INC	38 BETA CT STE C7	SAN RAMON	CA	94583
ABC CONSTRUCTION INC	ABC 15723 S STAGECOACH DR	OLATHE	KS	66062
ACE REFRIGERATION OF IOWA INC	6440 6TH ST SW	CEDAR RAPIDS	IA	52404
ACE/AVANT CONCRETE CONSTRUCTION CO INC	109 SEMINOLE DR	ARCHDALE	NC	27263
ACME ELECTRIC COMPANY OF IOWA	3353 SOUTHGATE COURT SW	CEDAR RAPIDS	IA	52404
ACRONYM MEDIA INC	350 5TH AVE STE 5501	NEW YORK	NY	10118
ACTION INSTALLERS INC	1224 CAMPBELL AVE SE	ROANOKE	VA	24013
ADVANCED EROSION SOLUTIONS LLC	5920 NALL AVE SUITE 308	MISSION	KS	66202
AE MFG INC	2505 S 33RD W AVE	TULSA	OK	74157
AHRS CONSTRUCTION INC	533 RAILROAD ST	BERN	KS	66408
AIRCO INDUSTRIAL CONTRACTORS INC	4919 OLD LOUISVILLE RD	GARDEN CITY	GA	31408
AJ FLOORING INC	2005 KIMBER ROAD	DONGOLA	IL	62926
ALL TOWER INC	232 HEILMAN AVENUE	HENDERSON	KY	42420
ALLENTECH INC	3184 AIRPORT ROAD	BETHLEHEM	PA	18017
ALLIANCE INTEGRATED SYSTEMS INC	1500 STUDEMONT	HOUSTON	TX	77007
ALS CONSTRUCTION INC	16506 PINE VALLEY ROAD	PINE	CO	80470
ALTRESS TRUCKING INC	220 W 440 N	WASHINGTON	IN	47501
AM COHRON & SON INC READY MIX CONCRETE	PO BOX 479	ATLANTIC	IA	50022
AMERICAN AIR CONDITIONING & MECHANICAL INC	4315 N THOMPSON	SPRINGDALE	AR	72764
AMERICAN COATINGS INC	612 W IRIS DR	NASHVILLE	TN	37204
AMERICAN HYDRO	1029 IRS AVE	BALTIMORE	MD	21205
AMERICAN LIFT & SIGN SERVICE COMPANY	6958 NO 97TH PLAZA	OMAHA	NE	68122
AMERICAN PRESERVATION BUILDERS LLC	8111 ROCKSIDE RD STE 101	VALLEY	OH	44125
AMERICAN SUNCRAFT CO INC	10836 SCHILLER ROAD	MIDWAY	OH	45341

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AMERICAN VINYL SIDING SERVICES INC	520 SOUTHWELL LANE	BROOKLET	GA	30415
AMES CONSTRUCTION INC	2000 AMES DRIVE	BURNSVILLE	MN	55306
AMRENT CONTRACTING INC	3981 STATE RT 3 NORTH	CHESTER	IL	62233
ANGELO IAFRATE CONSTRUCTION COMPANY	26400 SHERWOOD	WARREN	MI	48091
AOI CORPORATION	8801 S 137TH CIR	OMAHA	NE	68138
APOLLO VIDEO TECHNOLOGY	14148 NE 190TH ST	WOODINVILLE	WA	98072
APOSTOLOS GROUP INC THE	ONE CANAL SQUARE PLAZA	AKRON	OH	44308
AQUATIC HABITATS INC	2395 APOPKA BLVD	APOPKA	FL	32703
AQUILEX HYDROCHEM LLC	900 GEORGIA AVENUE	DEER PARK	TX	77536
ARCHER WESTERN CONTRACTORS LLC	PAYROLL 929 W ADAMS ST	CHICAGO	IL	60607
ARCHIPLAN LLC	5825 SWIFT CREEK CT	SUWANEE	GA	30024
ARCHITECTURAL SURFACES INC	312 MORNINGSIDE STE A	FRIENDSWOOD	TX	77546
ARNOLDS CUSTOM SEEDING LLC	4626 WCR 65	KEENESBURG	CO	80643
ASPHALT STONE COMPANY	520 N WEBSTER	JACKSONVILLE	IL	62650
ASSOCIATED GROCERS OF THE SOUTH INC	3600 VANDERBILT ROAD	BIRMINGHAM	AL	35217
ATLANTIC ENGINEERING GROUP INC	1136 ZION CHURCH RD	BRASELTON	GA	30517
ATLANTIC PAINTING CO INC	10019 SOUTHWEST HWY	OAK LAWN	IL	60453
ATLAS INDUSTRIAL HOLDINGS LLC	5275 SINCLAIR RD	COLUMBUS	OH	43229
ATWOOD ELECTRIC INC	23124 HIGHWAY 149	SIGOURNEY	IA	52591
B & B CONTRACTORS INC	4300 EDISON AVE	CHINO	CA	91710
B D WELCH CONSTRUCTION LLC	120 INDUSTRIAL STATION RD	STEELE	AL	35987
B&B ELECTRICAL CONTRACTORS INC	627 CIRCLE DR	IRON MOUNTAIN	MI	49801
BALLOU PAVEMENT SOLUTIONS INC	1841 E NORTH ST	SALINA	KS	67402
BAYLAND BUILDINGS INC	3323 BAY RIDGE COURT	ONEIDA	WI	54155
BAZIN SAWING & DRILLING LLC	30790 SWITZER	LOUISBURG	KS	66053
BD CONSTRUCTION INC.	209 EAST 6TH STREET	KEARNEY	NE	68847
BDR CONSTRUCTION INC	2808 S 31ST AVE STE A	GREELEY	CO	80631
BENNETT TRUCK TRANSPORT LLC	1001 INDUSTRIAL PARKWAY	MCDONOUGH	GA	30253
BERBERICH TRAHAN & CO PA	3630 SW BURLINGAME ROAD	TOPEKA	KS	66611
BERNIE JANNING TERRAZZO & TILE INC	17509 HWY 71	CARROLL	IA	51401
BEST PLUMBING & HEATING	421 SECTION OD	SCAMMON	KS	66773
BETTIS ASPHALT & CONSTRUCTION INC	2350 NW WATER WORKDS DR	TOPEKA	KS	66606
BIG D LLC	6565 WISTFUL VISTA #11108	WEST DES MOINES	IA	50266
BILLINDA GROUP LLC	4131 OLD SIBLEY HWY 202	EAGAN	MN	55122
BIRDAIR INC	65 LAWRENCE BELL DR	AMHERST	NY	14221
BLACK CONSTRUCTION CO	18483 US HIGHWAY 54	ROCKPORT	IL	62370
BLAHNIK CONSTRUCTION CO	150 50TH AVE DR SW	CEDAR RAPIDS	IA	52404
BLD SERVICES LLC	2424 TYLER STREET	KENNER	LA	70062
BLOCK ELECTRIC COMPANY	2580 N JOHNSON ROAD	WEIDMAN	MI	48893
BLUE SKY CONSTRUCTION LLC	17501 NORTHSIDE BLVD	NAMPA	ID	83687
BOB BERGKAMP CONSTRUCTION CO INC	3709 S WEST STREET	WICHITA	KS	67217
BOB FLORENCE CONTRACTOR INC	1934 S KANSAS AVE	TOPEKA	KS	66612

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BOCA CONSTRUCTION INC	380 EASTPARK DRIVE	NORWALK	OH	44857
BODINE ELECTRIC OF DECATUR	1845 NORTH 22ND ST	DECATUR	IL	62526
BRADFORD BUILDING COMPANY	2151 OLD ROCKY RIDGE RD	BIRMINGHAM	AL	35216
BRITEWAY STRIPING SERVICES INC	7551 STATE RTE 160 UNIT C	NEW BADEN	IL	62265
BROCK SERVICES LLC	10343 SAM HOUSTON PK 200	HOUSTON	TX	77064
BROCK SERVICES LLC	1670 E CARDINAL DR	BEAUMONT	TX	77704
BROOKS DIRECTIONAL DRILLING LLC	24531 102ND DRIVE	BURDEN	KS	67019
BRUCE CONCRETE CONSTRUCTION INC	4401 HWY 162	GRANITE CITY	IL	62040
BRYAN-OHLMEIER CONST INC	911 NORTH PEARL	PAOLA	KS	66071
BUILDING CRAFTS INC	2 ROSEWOOD DRIVE	WILDER	KY	41076
BUILT WELL CONSTRUCTION CO	MAIN ST HWY 279 S	HIWASSE	AR	72739
BUXTON COMPANY	2651 S POLARIS DRIVE	FORT WORTH	TX	76137
BYUS CONSTRUCTION INC	16602 S CRAWFORD AVENUE	MARKHAM	IL	60428
C & A CONSTRUCTION SERVICES LLC	725 HUDSON STREET	TROY	AL	36081
C ALEXANDER CONSTRUCTION	744 HORIZON CT STE 135	GRAND JUNCTION	CO	81506
CAB COMM INC	4094 WHITEWATER ROAD	VALDOSTA	GA	31601
CAISER TECHNOLOGIES INC	43210 SUMMER SWEET PL	ASHBURN	VA	20148
CALCO ENTERPRISES INC	3953 S 184TH STREET	OMAHA	NE	68130
CAM OF ILLINOIS LLC	300 DANIEL BOONE TRAIL	SOUTH ROXANA	IL	62087
CAPITAL INSULATION INC	3210 NE MERIDEN RD	TOPEKA	KS	66617
CAPTAIN AND COMPANY LTD	1308 ALBIA ROAD	OTTUMWA	IA	52501
CARPENTERS PLUS INC	1171 W DENNIS	OLATHE	KS	66061
CARSON McDANIEL CONSTRUCTION LLC	504 E ELM	ARMA	KS	66712
CAS CONSTRUCTORS LLC	501 NE BURGESS	TOPEKA	KS	66608
CASE FOUNDATION CO	1325 W LAKE ST	ROSELLE	IL	60172
CB INDUSTRIES INC	17250 NEW LENOX RD	JOLIET	IL	60430
CBS CONSTRUCTORS	204 E 1ST	MCCOOK	NE	69001
CCC GROUP INC	5797 DIETRICH RD	SAN ANTONIO	TX	78219
CCI SYSTEMS INC	105 KENT ST	IRON MOUNTAIN	MI	49801
CEI MICHIGAN LLC	2140 INDUSTRIAL ST	HOWELL	MI	48843
CELLXION WIRELESS SERVICES LLC	5031 HAZEL JONES RD	BOSSIER CITY	LA	71111
CENTRAL SEAL COMPANY	P O BOX 490	DANVILLE	KY	40422
CHASE CONTRACTORS INC	800 W 35TH PARKWAY	CHANUTE	KS	66720
CHERNE CONTRACTING CORPORATION	9855 W 78TH ST STE 400	EDEN PRAIRIE	MN	55344
CHRIS GEORGE HOMES INC	2111 E SANTA FE #112	OLATHE	KS	66062
CJ ERWIN CONSTRUCTION COMPANY	12115 NE 99TH ST STE 1800	VANCOUVER	WA	98682
CK CONSTRUCTION	6938 STAGGE ROAD	STURGEON BAY	WI	54235
CLASSIC DESIGN	665 ELMWOOD DRIVE	TROY	MI	48083
CLEAN ENERGY CONSTRUCTION	3020 OLD RANCH PKWY 400	SEAL BEACH	CA	90740
CLEARWATER CONSTRUCTION	584 ROCKY ROAD	LUXEMBURG	WI	54217
CLEAVER FARM SUPPLY INC	2103 S SANTA FE	CHANUTE	KS	66720
CLUNE CONSTRUCTION COMPANY LP	10 S LASALLE ST #300	CHICAGO	IL	60603

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CLYDE BERGEMANN POWER GROUP AMERICAS	4015 PRESIDENTIAL PARKWAY	ATLANTA	GA	30340
COASTAL RECONSTRUCTION INC	5570 FLORIDA MINING B 304	JACKSONVILLE	FL	32257
COBB MECHANICAL CONTRACTORS INC	2906 W MORRISON	COLORADO SPRINGS	CO	80904
COLBURN CONSTRUCTION INC	724 COUNTY ROAD 1413	CULLMAN	AL	35058
COMMERCE CONSTRUCTION INC	695 N 40TH STREET	SPRINGDALE	AR	72762
COMMERCIAL CONTRACTORS INC	16745 COMSTOCK STREET	GRANDHAVEN	MI	49417
COMMERCIAL INTERIORS INC	90 NEWBERRY DR	LINN VALLEY	KS	66040
COMMERCIAL TRADE SOURCE INC	3924 PENDLETON WAY	INDIANAPOLIS	IN	46226
CONCO INC	3030 ALL HALLOWS	WICHITA	KS	67217
CONLON CONSTRUCTION CO	1100 ROCKDALE RD	DUBUQUE	IA	52003
CONSOLIDATED CONSTRUCTION ENTERPRISE LLC	121 NORTH WILSON HEIGHTS	COLLINSVILLE	IL	62234
CONSTRUCTION SERVICES BRYANT INC	232 NEW YORK ST	WICHITA	KS	67214
COOPER RAIL SERVICE INC	1700 N VAN BUREN ST	EVANSVILLE	IN	47542
COOPERS STEEL FABRICATORS	PO BOX 149	SHELBYVILLE	TN	37162
CORPORATE CONTRACTORS INC	655 3RD ST STE 300	BELOIT	WI	53511
CR ELEVATOR	315 NORTHPOINT SUITE D	ACWORTH	GA	30102
CRAIGS RESTORATION & REPAIR LLC	1029 VAIL AVENUE	DURANT	IA	52747
CREEK ELECTRIC INC	2811 W PAWNEE ST	WICHITA	KS	67213
CROOKHAM CONSTRUCTION LLC	19336 182ND STREET	TONGANOXIE	KS	66086
CROSS COUNTY CONSTRUCTION INC	RR 2 VANCIL RD HWY 24	RUSHVILLE	IL	62681
CROWN CORR INC	7100 W 21ST AVE	GARY	IN	46406
CSI PEO INC	2032 ORCHID AVENUE	MCALENN	TX	78504
CUMMINGS MCCLOREY DAVIS ACHO & ASSOCIATES PC	33900 SCHOOLCRAFT	LIVONIA	MI	48150
CURRENT ELECTRICAL CO INC	3811 SW SOUTH PARK AVE	TOPEKA	KS	66609
D & B INDUSTRIAL FLOOR COATINGS INC	W137 N8589 LANDOVER CRT	MENOMONEE FALLS	WI	53051
D & D INDUSTRIAL CONTRACTING INC	101 MULLEN DR	WALTON	KY	41094
D A SMITH ENTERPRISES LLC	2222 W MORNING JEWEL PL	TUCSON	AZ	85742
D R ANDERSON CONSTRUCTORS CO	P O BOX 34340	OMAHA	NE	68134
D T READ STEEL COMPANY INC	1725 WEST ROAD	CHESAPEAKE	VA	23323
DAMATO BUILDERS + ADVISORS LLC	40 CONNECTICUT AVE	NORWICH	CT	06360
DAN R DALTON INC	912 W CALISPELL ROAD	USK	WA	99180
DANNYS CONSTRUCTION CO INCORPORATED	1066 WEST THIRD AVENUE	SHAKOPEE	MN	55379
DAVID BOLAND INC	SE ARNOLD & PERIMETER RD	WHITEMAN AFB	MO	65305
DAVIS CONSTRUCTION	2143 NE HWY 7	COLUMBUS	KS	66725
DB HEALTHCARE INC	128 WHEELER ROAD	BURLINGTON	MA	01803
DCG PETERSON BROTHERS COMPANY	5005 S HWY 71	SIOUX RAPIDS	IA	50585
DEEGIT INC	850 E HIGGINS RD STE 125X	SCHAUMBURG	IL	60173
DEEP SOUTH FIRE TRUCKS INC	2342 HIGHWAY 49 NORTH	SEMINARY	MS	39479
DEJAGER CONSTRUCTION INC	75 60TH ST SW	WYOMING	MI	49508
DELANEY GROUP NEW YORK THE	2736 ST HWY 30	MAYFIELD	NY	12117
DEPEW & OWEN BUILDERS INC	511 S OAK STREET	CENTRALIA	IL	62801

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DESCO SYSTEMS OF AR INC	19890 W 156TH	OLATHE	KS	66062
DESIGN DRYWALL INC	6111 Z NW OF KS & INDIANA	FORT LEONARD WOOD	MO	65473
DETROIT CORNICE & SLATE CO INC	1315 ACADEMY	FERNDALE	MI	48220
DF CHASE INC	3001 ARMORY DR	NASHVILLE	TN	37204
DIAMOND CONSTRUCTION COMPANY	2000 N 18TH ST	QUINCY	IL	62301
DIAMOND SURFACE INC	13792 REIMER DR N	MAPLE GROVE	MN	55311
DIG AMERICA UTILITY CONTRACTING INC	606 25TH AVE SO STE 202	ST CLOUD	MN	56301
DOME CORPORATION OF NORTH AMERICA	5450 EAST ST	SAGINAW	MI	48601
DOSTER CONSTRUCTION CO INC	2100 INTERNATIONAL PARK D	BIRMINGHAM	AL	35243
DPLM	1704 E EUCLID AVE	DES MOINES	IA	50313
DRC EMERGENCY SERVICES LLC	740 MUSEUM DRIVE	MOBILE	AL	36608
DTS BROKERAGE & DEVELOPMENT LLC	89 W MAIN SUITE 5	FARMINGTON	AR	72730
DUALTEMP INSTALLATIONS INC DBA DUALTEMP WISCONSIN	3695 J N 126TH STREET	BROOKFIELD	WI	53005
DUNK FIRE & SECURITY INC	3446 WAGON WHEEL RD	SPRINGDALE	AR	72762
DUREX COVERINGS INC	53 INDUSTRIAL RD	BROWNSTOWN	PA	17508
DURR SYSTEMS INC	40600 PLYMOUTH RD	PLYMOUTH	MI	48170
DUSTROL INC	GEN DEL	EL DORADO	KS	67042
DWG & ASSOCIATES INC	8535 SOUTH 700 WEST	SANDY	UT	84070
DYER ELECTRIC	8171 TOP FLITE CIRCLE	ROGERS	AR	72756
DYNOTEC INC	2931 E DUBLIN GRANVILLE	COLUMBUS	OH	43231
E80 PLUS CONSTRUCTORS LLC	600 BASSETT ST	DEFOREST	WI	53532
ECHO CONSTRUCTION INC	14012 GILES RD	OMAHA	NE	68138
ECONOMY ELECTRICAL CONTRACTORS	101 CENTURY 21 DR #204	JACKSONVILLE	FL	32216
EDWARDS KAMADULSKI LLC	2230 CLEVELAND AVENUE	EAST ST LOUIS	IL	62205
ELECTRIC CONSTRUCTION CO	1512 E 17TH ST	SIOUX FALLS	SD	57104
ELECTRICIANS THE	197 S MCCLEARY RD	EXCELSIOR SPRINGS	MO	64024
ELECTRICO INC	7706 WAGNER ROAD	MILLSTADT	IL	62260
ELLINGER WINFIELD LLC	ONE 157 CENTER	EDWARDSVILLE	IL	62025
ELLIOTT ELECTRICAL INC	P O BOX 1039	BENTON	AR	72015
ELLISON PLUMBING& PLUMBING & PIPING INC	4360 DAWES LANE EAST	MOBILE	AL	36619
EMCO CHEMICAL DISTRIBUTORS INC	2100 COMMONWEALTH AVE	NORTH CHICAGO	IL	60064
EMPLOYEE RESOURCE ADMINISTRATION LP	12400 COIT RD #1030	DALLAS	TX	75251
ENGINEERED STRUCTURES INC	3330 E LOUISE DR STE 300	MERIDIAN	ID	83642
ENGINEERED SYSTEMS COMPANY LLC	11627 ZK32	BONNER SPRINGS	KS	66012
ENGINEERING AMERICA INC	647 HALE AVENUE N	OAKDALE	MN	55128
ENGLEWOOD CONSTRUCTION INC	9747 W FOSTER AVENUE	SCHILLER PARK	IL	60176
ENTERPRISE ELECTRICAL & MECHANICAL CO	9211 CASTLEGATE DRIVE	INDIANAPOLIS	IN	46256
ENVIRONMENTAL FABRICS INC	85 PASCON CT	GASTON	SC	29053
ENVISION CONTRACTORS LLC	2960 FAIRVIEW DR	OWENSBORO	KY	42303
ERNEST CARROLL CERAMIC TILE INC	538 CHATHAM STREET	JACKSONVILLE	FL	32254
ESI CONSTRUCTORS INC	950 WALNUT RIDGE DR	HARTLAND	WI	53029

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EVANS MASON INC	1021 SOUTH GRAND AVENUE	SPRINGFIELD	IL	62703
EVERGREEN CONSULTING GROUP LLC	12184 SW MORNING HILL DR	TIGARD	OR	97223
EXCEL ENGINEERING INC	5267 PROGRAM AVE # 2	SAINT PAUL	MN	55112
EXPRESS INSTALLATION INC	1886 GENERAL GRG PAT DR	FRANKLIN	TN	37067
EXPRESS INSULATION INC	N9450 HWY 175	THERESA	WI	53091
F & M SOUTHERN INC	2201 HAMLIN ROAD	UTICA	MI	48317
F L CRANE & SONS INC	508 S SPRING	FULTON	MS	38843
FABCON INCORPORATED	6111 WEST HIGHWAY 13	SAVAGE	MN	55378
FALEWITCH CONSTRUCTION SERVICES INC	8720 S 114TH ST STE 100	LAVISTA	NE	68128
FARABEE MECHANICAL INC	P O BOX 1748	HICKMAN	NE	68372
FARROW COMMERCIAL INC	416 AVIATION BLVD STE B	SANTA ROSA	CA	95403
FAUSS WYGO LLC	111 N 181ST SUITE 202	OMAHA	NE	68022
FAYETTEVILLE PLUMBING & HEATING CO INC	P O BOX 1061	FAYETTEVILLE	AR	72702
FEDERAL FIRE PROTECTION INC	805 SECRETARY DR STE A	ARLINGTON	TX	76015
FEDERAL STEEL & ERECTION	200 E ALTON AVE	EAST ALTON	IL	62024
FIRE & LIFE SAFETY AMERICA INC	3017 VERNON ROAD	RICHMOND	VA	23228
FIRST CONSTRUCTION GROUP INC	3729 WEST AVE	BURLINGTON	IA	52601
FISHEL COMPANY THE	1810 ARLINGATE LN	COLUMBUS	OH	43228
FLEMINGTON CONSTRUCTION INC	9207 SLATER	OVERLAND PARK	KS	66212
FLORIDA INSTITUTE OF TECHNOLOGY INC	150 W UNIVERSITY BLVD	MELBOURNE	FL	32901
FMRS INC	405 ST PETERSBURG DR #6	OLDSMAR	FL	34677
FOUNDATION SPECIALIST INC	328 SOUTH 40TH STREET	SPRINGDALE	AR	72762
FRAZEE INC	560 LIONS CLUB DR SW	MABLETON	GA	30126
FRED CHRISTEN & SONS COMPANY THE	714 GEORGE ST	TOLEDO	OH	43608
FREEDOM CONCRETE LLC	9620 LEXINGTON AVE	DESOTO	KS	66018
FRONT RANGE ENVIRONMENTAL LLC	2110 W WRIGHT RD	MCHENRY	IL	60050
FULSAM BROTHERS INC	980 ROAD 5	CEDAR VALE	KS	67024
GAMMA CONSTRUCTION COMPANY	2808 JOANEL	HOUSTON	TX	77027
GARCIA CHICOINE ENTERPRISES INC	1118 NORTH 22ND STREET	LINCOLN	NE	68503
GARRISON PLUMBING INC	1200 S PAYNE ST	OLATHE	KS	66061
GAASS BRICKWORK INC	6205 COUNTRYSIDE LANE	FREEBURG	IL	62243
GATOR SIGN COMPANY INC	1027 KAREY ANDREWS ROAD	MCCOMB	MS	39648
GAYLOR INC	5750 CASTLE CRK PKY N 400	INDIANAPOLIS	IN	46250
GBA SYSTEMS INTEGRATORS LLC	9801 RENNER BLVD	LENEXA	KS	66219
GEA POWER COOLING INC	143 UNION BLVD STE 400	LAKWOOD	CO	80228
GEISSLER ROOFING CO INC	612 S 3RD ST	BELLEVILLE	IL	62220
GENERATOR & MOTOR SERVICES	601 BRADDOCK AVENUE	TURTLE CREEK	PA	15145
GEORGE ALLEN CONSTRUCTION	9930 W 190TH STE A	MOKENA	IL	60448
GEOTECH SERVICES INC	350 GOLDEN OAK PARKWAY	OAKWOOD VILLAGE	OH	44146
GIBRALTAR CONSTRUCTION CO INC	42 HUDSON ST STE A207	ANNAPOLIS	MD	21401
GLASS DESIGN INC	BOX 568	SAPULPA	OK	74067
GLENS CUSTOM CARPENTRY LLC	13179 SOUTH 4170 WEST	RIVERTON	UT	84065

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GLOBAL EMPLOYMENT SERVICES INC	1703 OLD MOILE HWY	PASCAGOULA	MS	39567
GOOLSBY INC	3002 WEST MAIN STRET	BLYTHEVILLE	AR	72315
GORDON ENERGY AND DRAINAGE	15735 S MAHAFFIE	OLATHE	KS	66062
GRAHAM CONSTRUCTION INC	5TH & WALNUT	COLUMBIA	MO	65205
GRAYCLIFF ENTERPRISES INC	3300 BATTLEGROUND #100	GREENSBORO	NC	27410
GRE CONSTRUCTION	628 PALESTINE RD	CHESTER	IL	62233
GREAT LAKES CONCRETE PRODUCTS LLC	4555 134TH AVE	HAMILTON	MI	49419
GUETTERMAN EXCAVATION LLC	22666 ANTIOCH ROAD	BUCYRUS	KS	66013
GUS CONST CO INC	606 ANTIQUE COUNTRY DR	CASEY	IA	50048
GYPSUM FLOORS OF AR/OK INC	PO BOX 1707	MULDROW	OK	74948
H & H SYSTEMS & DESIGN INC	130 EAST MAIN ST	NEW ALBANY	IN	47150
H & L ELECTRIC INC	11130 LEGION DRIVE	SAINT GEORGE	KS	66535
H & M CONSTRUCTION CO INC	50 SECURITY DR	JACKSON	TN	38305
H & M INDUSTRIAL SERVICES INC	121 EDWARDS DR	JACKSON	TN	38302
HAGGE CONSTRUCTION COMPANY INC	25449 W SCHULTZ	PLAINFIELD	IL	60585
HALL BROTHERS RECYCLING & RECLAMATION INC	124 INDIANA AVE	SALINA	KS	67401
HALL PAVING INC	1196 PONY EXPRESS HWY	MARYSVILLE	KS	66508
HAREN & LAUGHLIN RESTORATION COMPANY INC	8035 NIEMAN RD	LENEXA	KS	66214
HARKINS DEVELOPMENT LLC	3402 ILLINOIS ST	FORT LEONARD WOOD	MO	65473
HARPER CO THE	1648 PETERSBURG RD	HEBRON	KY	41048
HARRISON ELECTRICAL CONSTRUCTION INC	30 BRIGHTHOP ROAD	TRENTON	SC	29847
HARTZ BLEACHERS LLC	14954 305TH STREET	LONG GROVE	IA	52756
HARVEY NASH INC	1680 ROUTE 23 N STE 300	WAYNE	NJ	07470
HAWKINS CONSTRUCTION COMPANY	2516 DEER PARK BLVD	OMAHA	NE	68105
HAYES CONTRACTING INC	5460 SUGARLOAF RD	COLLINSVILLE	IL	62234
HC BECK LTD	1820 MARKET ST FL 3	ST LOUIS	MO	63103
HEAFNER CONTRACTING INC	27457 HEAFNER DRIVE	GODFREY	IL	62035
HEARTH CONSTRUCTION MANAGEMENT LLC	90 EDWARDSVILLE PROF PARK	EDWARDSVILLE	IL	62025
HEARTHVIEW RESIDENTIAL LLC	805 CITY CENTER DRIVE	CARMEL	IN	46032
HECKERT CONSTRUCTION CO INC	746 E 520TH AVE	PITTSBURG	KS	66762
HENDERSON ENGINEERS INC	8325 LENEXA DR STE 400	LENEXA	KS	66214
HERK ALCARAZ CONSULTING	14796 WILD COLT PLACE	JAMUL	CA	91935
HG DALLAS CONSULTING LLC	6860 N DALLAS PKWY	PLANO	TX	75024
HICKEY CONTRACTING CO	1318 G ST	KEOKUK	IA	52632
HIGH CONCRETE GROUP LLC	4990 CHILDRENS PL	ST LOUIS	MO	63110
HIGH LINE SERVICES LLC	410 S HIGH STREET	DIGHTON	KS	67839
HINRICH'S GROUP INC THE	340 OFFICE COURT STE A	FAIRVIEW HEIGHTS	IL	62208
HOFFMANN INC	6001 49TH ST S	MUSCATINE	IA	52761
HOLLIS ROOFING INC	P O BOX 2229	COLUMBUS	MS	39704
HOLLON FIRE PROTECTION LLC	8165 EAST 46TH STREET	TULSA	OK	74145
HOLSTE COMMERCIAL ROOFING LLC	109 W 2ND	MASSENA	IA	50853
HOME CENTER CONSTRUCTION INC	302 OAK STREET	FRONTENAC	KS	66763

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HOOPER CORPORATION	P O BOX 7455	MADISON	WI	53707
HORIZON GENERAL CONTRACTORS INC	7315 W ELIZABETH LN	FT WORTH	TX	76116
HORIZON RETAIL CONSTRUCTION INC	1458 HORIZON BLVD	RACINE	WI	53406
HORIZONTAL BORING & TUNNELING CO	505 S RIVER AVE	EXETER	NE	68351
HPI LLC	15503 WEST HARDY STREET	HOUSTON	TX	77060
HUMAN CAPITAL CONCEPTS LLC	1075 BROAD RIPPLE AVE	INDIANAPOLIS	IN	46220
HUSTON CONTRACTING INC	25640 W 143RD ST	OLATHE	KS	66061
HUTTON CONTRACTING CO INC	HWY 50	LINN	MO	65051
I & I CONSTRUCTION INC	21050 N BRADY ST STE A	DAVENPORT	IA	52804
IMPERIAL ROOF SYSTEMS CO	203 ARMOUR ST	WEST UNION	IA	52175
INDUSTRIAL MAINTENANCE CONTRACTORS INC	2301 GARDEN CITY HWY	MIDLAND	TX	79701
INDUSTRIAL ROOFING & CONSTRUCTION	1128 HWY 2	STERLINGTON	LA	71280
INTELIGENTE SOLUTIONS INC	17199 N LAUREL PK DR #321	LIVONIA	MI	48152
INTERNATIONAL DISASTER EMERGENCY SERVICE INC	102 W RAILROAD STREET	KEMPTON	IN	46049
INTERNATIONAL INDUSTRIAL CONTRACTING CORPORATION	35900 MMOUND RD	STERLING HEIGHTS	KS	48310
INTERNATIONAL STRAIGHTENING INC	6514 ISLAND DRIVE	BISMARCK	ND	58504
IRS ENVIRONMENTAL OF WA INC	12415 E TRENT	SPOKANE VALLEY	WA	99216
ISEC INC	33 INVERNESS DR E	ENGLEWOOD	CO	08990
ISIS CONSULTANTS LLC	6200 FEGENBUSH LANE	LOUISVILLE	KY	40228
J & D CONSTRUCTION INC	4495 HWY 212	MONTEVIDEO	MN	56241
J & K CONTRACTING OF KANSAS LC	801 WEST 6TH STREET	JUNCTION CITY	KS	66441
J E REEDY INC	4276 N CR 25 E	SEYMOUR	IN	47274
J L MOORE INC	2710 ROYALTON ROAD	COLUMBIA STATION	OH	44028
J2ES INC	706 N BROADWAY	OKLAHOMA CITY	OK	73102
JACKSON DEAN CONSTRUCTION INC	3414 S 116TH ST	SEATTLE	WA	98168
JACOBS LADDER INC	2325 COBDEN SCHOOL ROAD	COBDEN	IL	62920
JACOBSON DANIELS ASSOCIATION	121 PEARL STREET	YPSILANTI	MI	48197
JAKES ELECTRIC LLC	207 ALLEN STREET	CLINTON	WI	53525
JAMAR COMPANY THE	1100 OLD HIGHWAY 8 NW	NEW BRIGHTON	MN	55112
JAMES M BARB CONST INC	10701 RANCHITOS RD NE	ALBUQUERQUE	NM	87122
JAMES N GRAY CONSTRUCTION CO	250 W MAIN ST	LEXINGTON	KY	40507
JAY MCCONNELL CONSTRUCTION INC	8242 MARSHALL DR	LENEXA	KS	66214
JD FRANKS INC	1602 S BELTINE ROAD	DALLAS	TX	75253
JEBCO HEATING & AIR CONDITIONING LLC	630 LIPAN ST	DENVER	CO	80204
JELD WEN DOOR REPLACEMENT SYSTEMS INC	401 HARBOR ISLE BLVD	KLAMATH FALLS	OR	97601
JEN MECHANICAL INC	803 HOPP HOLLOW DR	ALTON	IL	62002
JESCO INC	2020 MCCULLOUGH BLVD	TUPELO	MS	38801
JETSTREAM CONSTRUCTION INC	5190 ARVILLE STREET	LAS VEGAS	NV	89118
JF BRENNAN CO INC	820 BAINBRIDGE ST	LA CROSSE	WI	54603
JGM CLEANING LLC	1585 VZ CR 1224	GRAND SALINE	TX	75140
JOES AUTO SALVAGE	5 N STATE STREET	PANA	IL	62557

<u>Contractor</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
JOHN A PAPALAS & CO	1187 EMPIRE	LINCOLN PARK	MI	48146
JOHN E GREEN COMPANY	220 VICTOR AVE	HIGHLAND PARK	MI	48203
JOHNSONS BUILDERS	1455 HODGES FERRY ROAD	DOYLE	TN	38559
JOLLEY CONSTRUCTION COMPANY	2034 HAMILTON PL BLVD 200	CHATTANOOGA	TN	37421
JOMAX CONSTRUCTION COMPANY INC	S 281 HWY	GREAT BEND	KS	67530
JONES GEOTECHNICAL CONTRACTORS LLC	P O BOX 451	BONNER SPRINGS	KS	66012
JONES HYDROBLAST INC	P O BOX 309	ROYALTON	IL	62983
JP PIPELINE CONSTRUCTION INC	81 ARROWHEAD ROAD	INMAN	KS	67546
K CON INC	2728 SPRUILL AVENUE	NORTH CHARLESTON	SC	29415
K R SWERDFEGER CONSTRUCTION INC	421 E INDUSTRIAL BLVD	PUEBLO WEST	CO	81007
KAISER ELECTRICAL CONTRACTORS INC	310A ERIE AVENUE	MORTON	IL	61550
KAMADULSKI EXCAVATING & GRADING CO INC	4336 HIGHWAY 162	GRANITE CITY	IL	62040
KANSAS BUSINESS FORMS AND SUPPLIES INC	505 MAIN ST	BELTON	MO	64012
KANSAS FENCING INC	4035 NE SEWARD AVENUE	TOPEKA	KS	66616
KAPUR & ASSOCIATES INC	7711 N PORT WASHINGTON RD	MILWAUKEE	WI	53217
KBS CONSTRUCTORS INC	1701 SW 41ST	TOPEKA	KS	66609
KENDALL CONSTRUCTION INC	4327 NW 43RD STREET	TOPEKA	KS	66618
KENT ANDERSON CONCRETE LP	830 E VALLEY RIDGE BLVD	LEWISVILLE	TX	75057
KEYSTONE MASONRY INC	5031ST ST S STE 6	YELM	WA	98597
KILIAN CORPORATION THE	608 S INDEPENDENCE	MASCOUTAH	IL	62258
KIMBEL MECHANICAL SYSTEMS INC	9310 E WAGON WHEEL RD	SPRINGDALE	AR	72762
KING OF TEXAS ROOFING COMPANY LP	307 GILBERT CIRCLE	GRAND PRAIRIE	TX	75050
KING PIPELINE INC	7141 AMANDA ROAD	LINCOLN	NE	68507
KINLEY CONSTRUCTION COMPANY	201 N UNION ST BNK RM 502	OLEAN	NY	14760
KINLEY CONSTRUCTION GROUP LP	4025 WOODLAND PK BLVD 410	ARLINGTON	TX	76013
KNIGHTS MARINE & INDUSTRIAL SERVICES INC	2900 COLMER DRIVE	MOSS POINT	MS	39562
KOSS CONSTRUCTION CO	4090 WESTOWN PKWY STE B	W DES MOINES	IA	50266
KR&G EXCAVATING PARTNERS LLC	7 STONEHILL ROAD	OSWEGO	IL	60543
KRAMER TREE SPECIALISTS INC	300 CHARLES COURT	WEST CHICAGO	IL	60185
KRESCO LLC	7220 N LINDBERGH BLVD 370	HAZELWOOD (T1)	MO	63042
KTU CONSTRUCTORS A JOINT VENTURE	2708 NE INDENPENDENCE AVE	LEE'S SUMMIT	MO	64064
KUHLMAN REFRIGERATION INC	N56W16865 RIDGEWOOD 100	MENOMONEE FALLS	WI	53051
L G ELECTRIC INC	701 E 15TH ST	CHEYENNE	WY	82001
LAFORGE & BUDD CONST CO INC	DEN GEL	PARSON	KS	67357
LAKEVIEW CONSTRUCTION OF WISCONSIN	10505 CORPORATE DR #200	PLEASANT PRAIRI	WI	53158
LAMAR MOORE CONSTRUCTION INC	4401 STATE ROUTE 162	GRANITE CITY	IL	62040
LARRY WALTY ROOFING & GUTTERING INC	9733 SW LOIS ROAD	ANDOVER	KS	67002
LAWS CUSTOM FLOORING INC	201 WEST JEFFERSON ST	ANNA	IL	62906
LEGACY ENGINEERING LLC	18662 MACARTHUR STE 457	IRVINE	CA	92617
LIFETIME CONSTRUCTION SERVICES INC	9864 E GRAND RIVER #110	BRIGHTON	MI	48116
LIMBAUGH CONSTRUCTION CO INC	4186 HWY 162	GRANITE CITY	IL	62040
LIPPS CONSTRUCTION COMPANY	1300 GEORGE STREET	MOUNT VERNON	IL	62864

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LONE STAR RAILROAD CONTRACTORS INC	1101 TURTLE CREEK DR	O'FALLON	MO	63366
LONGS DRILLING SERVICE INC	6768 LYNX LANE	HARRISON	AR	72601
LOWER HEATING & AIR CONDITIONING INC	501 SE 17TH STREET	TOPEKA	KS	66607
LUSE THERMAL TECHNOLOGIES LLC	3990 ENTERPRISE COURT	AURORA	IL	60504
LUTZ BRIGGS SCHULTZ & ASSOCIATES INC	239 COUNTRY CLUB DRIVE	ELLWOOD CITY	PA	16117
M & A JONES CONSTRUCTION CO INC	P O BOX 3944	BATESVILLE	AR	72503
M & W CONTRACTORS INC	400 S STEWART ST	E PEORIA	IL	61611
M&J ELECTRIC OF WICHITA LLC	1444 S ST CLAIR BLDG D	WICHITA	KS	67213
MAINSTREET MUFFLER AND BRAKE	1406 N MAIN STREET	HARRISON	AR	72601
MAJOR DRILLING ENVIRONMENTAL LLC	2200 S 4000 W	SALT LAKE CITY	UT	84120
MAJOR REFRIGERATION CO INC	314 NORTHWESTERN AVENUE	NORFOLK	NE	68701
MANHATTAN ROAD & BRIDGE	5601 S 122ND EAST AVENUE	TULSA	OK	74146
MANTA INDUSTRIAL INC	414 N ORLEANS STE 202	CHICAGO	IL	60610
MARCO CONTRACTORS INC	377 NORTHGATE DR	WARRENDALE	PA	15086
MARKETING ASSOCIATES INC	131 ST JAMES WAY	MOUNT AIRY	NC	27030
MAROLD ELECTRIC INC	1925 SHERWOOD LAKE ESTATE	QUINCY	IL	62305
MCQUAY CONSTRUCTION INC	1628 HWY 93	POCAHONTAS	AR	72455
MDS BUILDERS INC	5455 N FEDERAL HWY	BOCA RATON	FL	33487
MECHANICAL CONSTRUCTION SERVICES IN	1711 MELROSE DR	BENTON	AR	72015
MECHANICAL SERVICE COMPANY	5440 NORTHSHERE DRIVE	NORTH LITTLE ROCK	AR	72118
MEDCON USA LLC	3133 FLOYD BLVD	SIOUX CITY	IA	51108
MERCON CORPORATION	28425 FOX RIDGE COURT	DANBURY	WI	54830
MESSERSMITH MANUFACTURING INC	2612 F ROAD	BARK RIVER	MI	49807
METRO OFFICE SYSTEMS INC	12222 MAYCHECK LANE	BOWIE	MD	20715
METROPOLITAN PAVEMENT SPECIALISTS LLC	14012 GILES RD	OMAHA	NE	68138
MEYER CONTRACTING INC	11000 93RD AVENUE N	MAPLE GROVE	MN	55369
MEYERS PLUMBING	4117 MAIN STREET RD	KEOKUK	IA	52632
MHR INC	115 W INDUSTRIAL PK RD 1	HARRISON	AR	72601
MICHAEL R SLAUGHTER	1463 HURRICANE HILL RD	DYERSBURG	TN	38024
MID SOUTH INDUSTRIAL INC	13994 HWY 79	BELLS	TN	38006
MID STATES ELECTRIC CO INC	P O BOX 156	S SIOUX CITY	NE	68776
MIDSOUTH SPECIALTY CONSTRUCTION LLC	5731 OSBOURNE RD	ST JOE	AR	72675
MIDWEST CUSTOM POOLS LLC	600 LINCOLN	LAWRENCE	KS	66044
MIDWEST EASEMENT SERVICES LLC	2260 LAKE HILLS DRIVE	VANDALIA	IL	62471
MIDWEST MOLE INC	2460 N GRAHAM AVE	INDIANAPOLIS	IN	46218
MIDWEST MOWING INC	2450 OWENS LANE	BRIGHTON	IL	62012
MIDWEST STEEL CONTRACTORS LLC	6900 N DALLAS PKY STE 770	PLANO	TX	75024
MIKE PETERSON CONSTRUCTION	1941 RAMROD AVENUE STE A	HENDERSON	NV	89014
MILAN DECORATORS INC	2047 KEFAUVER DR	MILAN	TN	38358
MILESTONE CONSTRUCTION CO LLC	2002 SOUTH 48TH STREET	SPRINGDALE	AR	72762
MILLENNIUM DATA MANAGEMENT INC	210 186TH LN NE	EAST BETHEL	MN	55011
MILLER DRILLING COMPANY INC	107 HELTON DR	LAWRENCEBURG	TN	38464

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MILLS ELECTRICAL CONTRACTORS	2535 WALNUT HILL LN	DALLAS	TX	75229
MINNESOTA LIMITED INC	1380 W COUNTY RD C	ST PAUL	MN	55113
MIRON CONSTRUCTION CO INC	5807 MITCHELL AVENUE	ST JOSEPH	MO	64507
MIXER SYSTEMS INC	190 SIMMONS AVENUE	PEWAUKEE	WI	53072
MJ HARRIS INC	2620 N WESTWOOD BLVD	POPLAR BLUFF	MO	63901
MLA GEOTHERMAL DRILLING LLC	205 HACKBERRY DRIVE	GRETNA	NE	68028
MOATES BACKHOE SERVICE	5964 SE BEASLEY ROAD	RIVERTON	KS	66770
MOORE ASPHALT INC	1 COMMERCIAL STREET	MILLSTADT	IL	62260
MORRIS BECK CONSTRUCTION SERVICES INC	8100 COLONEL GLENN RD	LITTLE ROCK	AR	72204
MORRIS SHEA BRIDGE CO INC	1820 1ST AVENUE SOUTH	IRONDALE	AL	35210
MORRISON BUILDERS INC	1282 EDINBURGH	SPRINGDALE	AR	72762
MORRISSEY CONTRACTING CO	705 SOUTHMOOR PL	GODFREY	IL	62035
MULTIPLE CONCRETE ENTERPRISES	1680 W 1000 N	LAYTON	UT	84041
MW BUILDERS OF TEXAS INC	1701 N GENERAL BRUCE DR	TEMPLE	TX	76504
MYLES LORENTZ INC	48822 OLD RIVER BLUFF RD	ST PETER	MN	56082
NATGUN CORP	11 TEAL RD	WAKEFIELD	MA	01880
NATIONAL CONTRACTING GROUP	690 LAKEVIEW PLAZA BLVD F	WORTHINGTON	OH	43085
NATIONAL SERVICES INC	1528 SEA BREEZE TRAIL	VIRGINIA BEACH	VA	23452
NCM DEMOLITION & REMEDIATION LP	404 N BERRY STREET	BREA	CA	92821
NEENAN EMPLOYEES HOLDING COMPANY	2620 E PROSPECT RD # 100	FORT COLLINS	CO	80525
NEESE INC	303 DIVISION PO BOX 392	GRAND JUNCTION	IA	50107
NELSON INDUSTRIAL SERVICES INC	6021 MELROSE LN	OKLAHOMA CITY	OK	73127
NEW DIMENSION INC	631 E BIG BEAVER #109	TROY	MI	48083
NEW ERA HOLDINGS INC	300 10TH AVE S	NASHVILLE	TN	37203
NEW TEAM LLC	110 E BROWARD BLVD 2450	FT LAUDERDALE	FL	33301
NEWMECH COMPANIES INC	1633 EUSTIS ST	ST PAUL	MN	55108
NIEWOHNER CONSTRUCTION INC	801 IOWA AVE	ONAWA	IA	51040
NORTH MISSISSIPPI CONVEYOR COMPANY INC	HWY 7S LAFAYETTE CO RD370	OXFORD	MS	38655
NORTHERN CLEARING INC	1805 W MAIN ST	ASHLAND	WI	54806
NORTHERN ELECTRIC INC	1275 W 124TH AVENUE	WESTMINSTER	CO	80234
NORTHWEST AG SYSTEMS INC	1691 250TH STREET	SALIX	IA	51052
NORWOOD COMMERCIAL CONTRACTORS INC	214 PARK ST	BENSENVILLE	IL	60106
NU TEC ROOFING CONTRACTORS LLC	5025 EMCO DRIVE	INDIANAPOLIS	IN	46220
NUTRIJECT SYSTEMS INC	515 5TH ST	HUDSON	IA	50643
NWA RESTORE IT INC	13525 W HWY 102	CENTERTON	AR	72719
OLGOONIK SPECIALTY CONTRACTORS LLC	360 W BENSON BLVD STE 302	ANCHORAGE	AK	99503
OMNI ENGINEERING INC	14012 GILES RD	OMAHA	NE	68138
ON AIR SOLUTIONS INC	8807 EMMOTT RD 2000	HOUSTON	TX	77040
ONE BROTHER CONSTRUCTION, LLC	1667 HIGHWAY 1	WASHINGTON	IA	52353
ORASURE TECHNOLOGIES INC	220 EAST FIRST STREET	BETHLEHEM	PA	18015
OUT OF BOUNDS INC	101 AIRPORT ROAD	ALTO	NM	88312
PADGETT BUILDING & REMODELING INC	4200 SMELTING WORKS RD	BELLEVILLE	IL	62226

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PARK CONSTRUCTION MIDWEST INC	7900 BEECH ST NE	MINNEAPOLIS	MN	55432
PASCHAL HEATING & AIR CONDITIONING CO INC	287 W COUNTY LINE ROAD	SPRINGDALE	AR	72764
PCI ROADS LLC	14123 42ND ST NE	ST MICHAEL	MN	55376
PERFECT PLAY FIELDS AND LINKS INC	1921 HIDDEN LAKES DRIVE	BELLEVILLE	IL	62226
PHONE MASTERS LLC	523 N OLD ST LOUID ROAD	WOOD RIVER	IL	62095
PIASA COMMERCIAL INTERIORS INC	1001 S MORRISON AVE	COLLINSVILLE	IL	62234
PINNACLE CONSTRUCTION INC	203 N CHESTNUT ST	GLENWOOD	IA	51534
PINNACLE MECHANICAL	240 OLD HORTON RD	ALBERTVILLE	AL	35950
PIONEER GENERAL CONTRACTORS INC	3850 MADK RD	AMARILLO	TX	79118
PK CONTRACTORS LLC	10816 TOWN CENTER BLVD	DUNKIRK	MD	20754
PLASTINATION COMPANY DBA BODY WORLDS	5050 OAKLAND AVE	ST LOUIS	MO	63101
P-N-G CONTRACTING INC	917 CARLA DR	TROY	IL	62294
POLIVKA INTERNATIONAL COMPANY INC	3915 E MARKET STREET	WARREN	OH	44484
POLY CARB INC	33095 BAINBRIDGE ROAD	SOLON	OH	44139
POOL COMPANY INC THE	3077 20TH ST E SUITE D	TACOMA	WA	98424
POTTER ELECTRIC	2801 W 7TH STREET	ELK CITY	OK	73644
PRECAST ERECTORS INC	3500 VALLEY VISTA DR	HURST	TX	76053
PRECISION EXPLORATION INC	2165 JANITELL RD STE 101	COLORADO SPRINGS	CO	80906
PRO BUILDERS SOLUTIONS LLC	103 NORTH HAMBURG STREET	HOLSTEIN	IA	51025
PRO LINE BUILDING COMPANY INC THE	1385 HWY 63	NEW SHARON	IA	50207
PROCTOR MECHANICAL CORPORATION	1100 HOAK DRIVE	WEST DES MOINES	IA	50265
PROFESSIONAL DRAIN SERVICES INC	55 MIDWEST AVE N	LAKE ELMO	MN	55042
PROFESSIONAL ENERGY SERVICES	309 ALTAMONTE COMMERCE B	ALTAMONTE SPRINGS	FL	32714
PROFESSIONAL HVAC R SERVICES INC	2861 CENTER RD	AVON	OH	44011
PROJECT BUILDERS INC	2970 CLAIRMONT RD #150	ATLANTA	GA	30329
PROSSER WILBERT CONSTRUCTION INC	13730 W 108TH ST	LENEXA	KS	66215
PSF MECHANICAL INC	9322 14TH AVE SOUTH	SEATTLE	WA	98108
PURDUM INC	11620 S WALNUT ST	OLATHE	KS	66061
QCI THERMAL SYSTEMS INC	405 DRY CREEK AVENUE	WEST BURLINGTON	IA	52655
QUALITY BUILDERS INC	212 E 227TH ST	STEGER	IL	60475
QUALITY ELECTRIC OF DOUGLAS COUNTY INC	1011 E 31ST STREET	LAWRENCE	KS	66046
QUICKWIRE COMMUNICATIONS INC	3620 PRESTIGE LANE	MINNETONKA	MN	55305
QUOVADX INC	7600 E ORCHARD RS 300 S	GREENWOOD VILLAGE	CO	80111
R & M ACOUSTICS INC	10262 HWY 265	FAYETTEVILLE	AR	72701
RAGAN MECHANICAL INC	702 W 76TH STREET	DAVENPORT	IA	52806
RAGO CONCRETE LTD	5610 FM 2218	RICHMOND	TX	77469
RAM CONSTRUCTION SERVICES OF MINNESOTA LLC	13800 ECKLES RD	LIVONIA	MI	48150
RAMSEY WELDING INC	5360 E 900TH AVENUE	ALTAMONT	IL	62411
RANGER PLANT CONSTRUCTIONAL CO INC	5851 E INTERSTATE 20	ABILENE	TX	79601
REASONS CONSTRUCTION COMPANY INC	3825 EAST END DR	HUMBOLDT	TN	38343
REDMOND CONSTRUCTION COMPANY INC	W228 N745 WESTMOUND DR	WAUKESHA	WI	53186
REGENCY CONSTRUCTORS LLC	4744 JAMESTOWN AV STE 103	BATON ROUGE	LA	70808

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RELIAUTEC INC	2280 SIBLEY COURT	EAGAN	MN	55122
REMC CON GENERAL CONTRACTING INC	10311 RT E	JEFFERSON CITY	MO	65101
RENIER CONSTRUCTION CORPORATION	2164 CITY GATE DRIVE	COLUMBUS	OH	43219
RENOVATION & RESTORATION SERVICE LLC	312 S CHESTNUT	BRISTOW	OK	74010
RESTAURANT SPECIALTIES INC	999 POLARIS PKWY STE 111	COLUMBUS	OH	43240
RETAIL CONSTRUCTION SERVICES INC	11343 39TH ST N	ST PAUL	MN	55042
RETAIL STOREFRONT GROUP INC	419 MIAMI AVE	LEEDS	AL	35094
RFB CONSTRUCTION CO INC	565 E 520TH AVE	PITTSBURGH	KS	66762
RFW CONSTRUCTION GROUP LLC	1315 N CHOUTEAU TRAFFICWA	KANSAS CITY	MO	64120
RHYTHM ENGINEERING LLC	12351 W 96TH TER STE 107	LENEXA	KS	66214
RIEKE GRADING INC	8200 HEDGE LANE TERRACE	SHAWNEE	KS	66227
RL MURPHEY COMMERCIAL ROOF MANAGEMENT LLC	5699 N DARDEMAN ROAD	JUSTIN	TX	76247
ROBINETTE DEMOLITION INC	0 S 560 ROUTE 83	OAKBROOK	IL	60181
ROBINS & MORTON GROUP THE	400 SHADES CREEK PKWY	BIRMINGHAM	AL	35209
ROCK INDUSTRIES INC	340 ROCKWELL AVENUE	PONTIAC	MI	48341
ROCK ISLAND ENVIRONMENTAL SERVICES INC	2950 STATE HWY 70 EAST	EAGLE RIVER	WI	54521
ROCK REMOVAL RESOURCES LLC	423 E BRONSON ROAD	SEYMOUR	WI	54165
ROCKY MOUNTAIN AMUSEMENTS INC	11470 CARISSA COURT	HAYDEN	ID	83835
ROD TECHS INC	5991 MIEJER DRIVE STE 22	MILFORD	OH	45150
ROEHL REFRIGERATED TRANSPORT LLC	1916 E 29TH STREET	MARSHFIELD	WI	54449
ROMANOFF ELECTRIC RESIDENTIAL LLC	1255 RESEARCH ROAD	GAHANNA	OH	43230
RON WEERS CONSTRUCTION INC	20765 S FOSTER COURT	BUCYRUS	KS	66013
ROOFING & RESTORATION SERVICES OF AMERICA LLC	105 WEST FRANKLIN	WAXAHACHIE	TX	75165
ROSS & ASSOCIATES OF RIVER FALLS WISCONSIN LTD	246 SUMMIT	RIVER FALLS	WI	54022
ROSTON SOLUTIONS LLC	630 PLAZA DRIVE STE 100	HIGHLANDS RANCH	CO	80129
ROY ANDERSON CORP	11400 REICHOLD ROAD	GULFPORT	MS	39503
ROYAL ROOFING COMPANY INC	2445 BROWN ROAD	ORION	MI	48359
RS MORGAN INC	207 SIGMA DRIVE	PITTSBURGH	PA	15238
RUEDEBUSCH DEVELOPMENT & CONSTRUCTION INC	4605 DOVETAIL DRIVE	MADISON	WI	53704
RUSSELL CONSTRUCTION COMPANY	1414 MISSISSIPPI BLVD	BETTENDORF	IA	52722
RYAN COMPANIES US INC	50 S TENTH ST SUT 300	MINNEAPOLIS	MN	55403
S & B CONSTRUCTION CO LLC	117 E WASHINGTON ST	INDIANAPOLIS	IN	46204
S T COTTER TURBINE SERVICES INC	2167 196TH STREET EAST	CLEARWATER	MN	55320
S2 ANALYTICAL SOLUTIONS LLC	6413 MELSTONE COURT	CLIFTON	VA	20124
SA SMITH ELECTRIC INC	525 JERSEY ST	QUINCY	IL	62301
SAFE ENVIRONMENTAL CORPORATION	10030 EXPRESS DR STE A&B	HIGHLAND	IN	46322
SAFETY IMPROVEMENTS LLC	11753 CHESTERVILLE ROAD	KENNEDYVILLE	MD	21645
SARATOGA ROOFING & CONSTRUCTION	209 NW 132ND ST	OKLAHOMA CITY	OK	73114
SASCO	1227 N MARKET BLVD	SACRAMENTO	CA	95834
SATELLITE SERVICES INC	120 SUPERIOR RD	ST ROBERT	MO	65583
SCHAFFER CONTRACTING INC	19370 SAND RIDGE ROAD	CARLYLE	IL	62231

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SCHECK TECHNICAL SERVICES	500 E PLAINFIELD RD	COUNTRYSIDE	IL	60525
SCHIMPF CONSTRUCTION INC	1300 REED STATION ROAD	CARBONDALE	IL	62902
SCHLEIS FLOOR COVERING INC	2744 MANITAWOC ROAD	GREEN BAY	WI	54311
SCHMIDT CONSTRUCTION	2549 BURMEISTER ROAD	STURGEON BAY	WI	54235
SCHUMACHER ELEVATOR COMPANY	ONE SCHUMAKER WAY	DENVER	IA	50622
SCHUPPS LINE CONSTRUCTION INC	10 PETRA LANE	ALBANY	NY	12205
SCHWEITZER ENGINEERING LABORATORIES INC	2350 NE HOPKINS CT	PULLMAN	WA	99163
SCHWOB BUILDING COMPANY LTD	2349 GLENDA LANE	DALLAS	TX	75229
SEEDORFF MASONRY INC	W MISSION ST	STRAWBERRY PT	IA	52076
SEK HEAT & AIR INC	422 W ATKINSON	PITTSBURG	KS	66762
SG CONSTRUCTION SERVICES LLC	801 S SAGINAW	FLINT	MI	48502
SHAFFER ENTERPRISES D & T LLC	301 LEONA LANE	URSA	IL	62376
SHAWNEE MISSION TREE SERVICE INC	8250 COLE PKWY	SHAWNEE MSN	KS	66227
SHIELDS TELECOMM INC	7 CIRCLE DR	MOUNT VERNON	IL	62864
SHILLING CONSTRUCTION CO INC	555 POYNTZ AVE STE 260	MANHATTAN	KS	66502
SHIRLEY CONSTRUCTION INC	2139 SW WESTPORT DRIVE	TOPEKA	KS	66614
SIERRA BRAVO CONTRACTORS LLC	7038 HWY 154	SESSER	IL	62884
SIERRA DETENTION SYSTEMS INC	15850 W 6TH AVE	GOLDEN	CO	80401
SIMBECK & ASSOCIATES INC	38256 HWY 160	MANCOS	CO	81328
SIMMONS BROWDER GIANARIS ANGELIDES & BARNERD LLC	707 BERKSHIRE BLVD	EAST ALTON	IL	62024
SIS MANPOWER INC	2941 S GETTYSBURG AVE	DAYTON	OH	45418
SJ LOUIS CONSTRUCTION INC	1351 BROADWAY W BOX 459	ROCKVILLE	MN	56369
SKY CLIMBER WIND SOLUTIONS LLC	1800 PITTSBURGH DRIVE	DELAWARE	OH	43015
SKYLIGHT FINANCIAL INC	1455 LINCOLN PKWY STE 600	ATLANTA	GA	30346
SKYTOP TOWERS INC	13503 W US HWY 34	MALCOLM	NE	68402
SMITH POWER PRODUCTS INC	3065 WEST CALIFORNIA AVE	SALT LAKE CITY	UT	84104
SNI COMPANIES	4600 WESTOWN PKWY RW6 113	WEST DES MOINES	IA	50266
SNYDER ENVIRONMENTAL & CONSTRUCTION INC	124 W CAPITOL AVE STE1820	LITTLE ROCK	AR	72201
SOLAR ERECTORS US INC	10501 NW 121ST WAY	MEDLEY	FL	33178
SOLARIS ROOFING SOLUTIONS INC	4800 JACOBS OLD COAL RD	SHREWSBURY	MO	63119
SOUTHEAST DIRECTIONAL DRILLING LLC	3117 N CESSDA AVE	CASA GRANDE	AZ	85222
SOUTHERN CONCRETE PRODUCTS INC	266 E CHRUCH STREET	LEXINGTON TN	TN	38351
SOUTHFORK CONSTRUCTION INC	144 GREENLAWN DRIVE	SAN ANTONIO	TX	78201
SOUTHWINDS INSPECTION CORP	RT 2 BOX 88A	KINGFISHER	OK	73750
SPECTRA TECH LLC	16100 ALLISONVILLE RD	NOBLESVILLE	IN	46060
SPIFF CONTRACTING LLC	3483 HEATHERMOOR BLVD	COVINGTON	KY	41015
SPORTS METALS INC	P O BOX 1338	PHENIX CITY	AL	36868
SPRAYWORKS EQUIPMENT GROUP LLC	11407 IMMEL AVE NE	HARTVILLE	OH	44632
STABRIDG CONSTRUCTION CO INC	2879 ALTON WAY	BIRMINGHAM	AL	35210
STALEY CONSTRUCTION LLC	3400 J E DAVIS DRIVE	LITTLE ROCK	AR	72209
STANLEY ROOFING COMPANY	1207 W 1ST STREET	VINTON	IA	52349

<u>Contractor</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
STEPHENS & SMITH CONSTRUCTION CO INC	1542 S 1ST ST	LINCOLN	NE	68502
STEVE HOEGGER & ASSOCIATES INC	2630 N HIGHWAY 78	WYLIE	TX	75098
STILL CONTRACTORS LLC	15740 S MAHAFFIE ST	OLATHE	KS	66062
STONE CREEK CUSTOM HOMES INC	9501 E 108TH ST S	TULSA	OK	74133
STORK TWIN CITY TESTING CORPORATION	662 CROMWELL AVENUE	ST PAUL	MN	55114
STREICHER EXCAVATING INC	1718 EAST BREMER AVE	WAVERLY	IA	50677
STRINGER CONSTRUCTION COMPANY INC	6141 LUCILE AVE	SHAWNEE	KS	66203
STUEVE CONSTRUCTION COMPANY	2201 E OAK ST	ALGONA	IA	50511
SUNCON INC	#2 TERMINAL DR STE 17A	EAST ALTON	IL	62002
SUNLAND CONSTRUCTION INC	HWY 13 SOUTH	EUNICE	LA	70535
SUPER SKY PRODUCTS ENTERPRISES LLC	10301 N ENTERPRISE DRIVE	MEQUON	WI	53092
SUPERIOR INSULATION INC	34857 BRUSH STREET	WAYNE	MI	48184
SUPERIOR OPERATING SYSTEMS INC	1721 S 42ND STREET	ROGERS	AR	72758
SUPERIOR ROOFING INC	14700 E 39TH AVE	AURORA	CO	80011
SUPPLIER INSPECTION SERVICES INC	2941 S GETTYSBURG AVE	DAYTON	OH	45418
SURF PREP INC	19305 HAYDEN COURT	BOOKFIELD	WI	53045
SURFACE PREPARATION TECHNOLOGIES INC	81 TEXACO ROAD	MECHANICSBURG	PA	17055
SW HUFFMAN CONSTRUCTION INC	PO BOX 99	OTTUMWA	IA	52501
SWANSTON EQUIPMENT COMPANY	3404 MAIN AVE	FARGO	ND	58103
SYNERGY REFRIGERATION INC	1680 ROBERTS BLVD	KENNESAW	GA	30144
T WINN CONSTRUCTION COMPANY	15018A CIRCLE	OMAHA	NE	68144
TAIL WIND TECHNOLOGIES CORPORATION	13911 RIDGEDALE DR #310	MINNETONKA	MN	55305
TALON VETERAN SERVICES INCORPORATED	9600 CAVALIN COURT	MECHANICSVILLE	VA	23116
TANCO ENGINEERING INCORPORATED	1400 TAURUS COURT	LOVELAND	CO	80537
TANK BUILDERS INC	13400 TRINITY BLVD	EULESS	TX	76039
TATE ORNAMENTAL INC	114 INDUSTRIAL DRIVE	WHITE HOUSE	TN	37188
TDS CONSTRUCTION INC	4239 63RD STREET WEST	BRADENTON	FL	34209
TECH TREND INC	5797 VALLEY VIEW DRIVE	ALEXANDRIA	VA	22310
TEKRAK INSTRUMENTS CORPORATION	330 NANTUCKET BLVD TORONT	ONT CAN M1P2P4	ON	99999
TENCON INC	530 JONES ST	VERONA	PA	15147
TENNESSEE ELECTRIC COMPANY INC	1700 N JOHN B DENNIS HWY	KINGSPORT	TN	37664
TERRAZZO USA LLC	726 S MCLOUD ROAD	MCLOUD	OK	74851
TERWISSCHA CONSTRUCTION INC	1107 HAZELTINE BLVD MD 68	CHASKA	MN	55318
THOMAS MILLER & PARTNERS PLLC	5210 MARYLAND WAY STE 200	BRENTWOOD	TN	37027
THOMPSON ELECTRONICS COMPANY	905 S BOSCH ROAD	PEORIA	IL	61607
THREE D ENTERPRISES INC	16602 S CRAWFORD	MARKHAM	IL	60428
TIC THE INDUSTRIAL COMPANY	188 INVERNESS DR W #700	ENGLEWOOD	CO	80012
TITAN BUILT LLC	11865 S CONLEY	OLATHE	KS	66061
TITAN CONTRACTING & LEASING CO INC	2205 RAGU DRIVE	OWENSBORO	KY	42302
TJC ENGINEERING INC	5001 CROWN MANOR PLACE	LOUISVILLE	KY	40218
TOMS TUCKPOINTING LLC	410 W ELM	CORNING	AR	72422
TOURNEAR ROOFING CO	2605 SPRING LAKE RD	QUINCY	IL	62305

<u>Contractor</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
TOWN AND COUNTRY PLUMBING INC	1201 N 2ND STREET	ROGERS	AR	72756
TRAC WORK INC	303 W KNOX	ENNIS	TX	75119
TRACY ELECTRIC INC	8025 S BROADWAY STREET	HAYSVILLE	KS	67060
TRAFFIC CALMING USA	110 THOMPSON RD #102A	HIRAM	GA	30141
TRAFFIC CONTROL SERVICES LLC	1411 STONERIDGE DRIVE	MIDDLETOWN	PA	17057
TRC DISASTER SOLUTIONS COMPANY	712 S WHEELING AVE	TULSA	OK	74104
TRI SOUTH CONTRACTORS INC	2190 CHURCH RD	ARNOLD	MO	63010
TRIAGE CONSULTING GROUP	221 MAIN STREET STE 1100	SAN FRANCISCO	CA	94105
TRS RANGE SERVICES LLC	1739 MAYBANK HWY STE 8326	CHARLESTON	SC	29412
TRUCK CRANE SERVICE COMPANY	2875 HIGHWAY 55	EAGAN	MN	55121
TUFF WRAP INSTALLATIONS INC	2080 DETWILER ROAD STE 2	HARLEYSVILLE	PA	19438
TWEET GAROT MECHANICAL INC	2545 LARSEN RD	GREEN BAY	WI	54303
U S BUILDERS LP	8811 GAYLORD	HOUSTON	TX	77024
UCI INC	659 N MAIN	WICHITA	KS	67214
ULTIMATE THERMAL INC	P O BOX 34818	OMAHA	NE	68134
UNDERGROUND UTILITIES CONTRACTORS INC	403 COMMERCE PARK DR	CABOT	AR	72023
UNIFIED BUILDING SYSTEMS INC	738 WATER ST	SAUK CITY	WI	53583
UNITED PIPING INC	4510 AIRPORT ROAD	DULUTH	MN	55811
UNIVERSAL CABLE SERVICES INC	25292 W 150TH TERRACE	OLATHE	KS	66061
UNIVERSAL SERVICES TELECOMMUNICATIONS TECHS INC	12151 120TH STREET SOUTH	HASTINGS	MN	55033
URBAN METROPOLITAN DEVELOPMENT LLC	1101 JUNIPER ST STE 925	ATLANTA	GA	30309
US ASPHALT CO	14012 GILES RD	OMAHA	NE	68138
US BUILDERS GROUP INC	6465 FRENCH ROAD	DETROIT	MI	48213
UTILITY SOLUTIONS LLC	17835 185TH STREET	TONGANOXIE	KS	66086
VECTOR CONSTRUCTION INC	3814 3RD AVE NW	FARGO	ND	58102
VFP FIRE SYSTEMS INC	301 YORK AVE	ST PAUL	MN	55130
VIACON INC	70 BANKS RD	STOCKBRIDGE	GA	30281
VISIONSOFT INTERNATIONAL INC	1842 OLD NORCROSS RD 100	LAWRENCEVILLE	GA	30044
VISSER BROTHERS INC	1946 TURNER NW	GRAND RAPIDS	MI	49504
VISU SEWER CLEAN & SEAL INC	W230 N4855 BETKER RD	PEWAUKEE	WI	53072
WADES REFRIGERATION INC	P O BOX 2164	BATESVILLE	AR	72503
WALKER CONSTRUCTION CO INC	HWY 50 TO KAHOLA LAKE RD	EMPORIA	KS	66801
WALTERS CARPENTRY INC	2340 SHEPLER CHRCH AVE SW	CANTON	OH	44706
WALTERS MORGAN CONSTRUCTION INC	2616 TUTTLE CREEK BLVD	MANHATTAN	KS	66502
WEATHERCRAFT COMPANY OF GRAND ISLAND	PO BOX 80459	LINCOLN	NE	68501
WEATHERCRAFT COMPANY OF LINCOLN	545 J ST	LINCOLN	NE	68508
WELDMATION INC	31720 STEPHENSON HIGHWAY	MADISON HEIGHTS	MI	48071
WEST CONSTRUCTION MANAGEMENT INC	5825 OAK AVE	INDIANAPOLIS	IN	46219
WESTERN WATER CONSTRUCTORS INC	707 AVIATION BLVD	SANTA ROSA	CA	95403
WESTIN CONSTRUCTION COMPANY	10828 NESBITT AVE SO	BLOOMINGTON	MN	55437
WH BASS INC	5664 D PEACHTREE PKWY	NORCROSS	GA	30092

<u>Contractor</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
WHERTEC INC	1543 KINGSLEY AVE BLDG 6	ORANGE PARK	FL	32073
WHITE OAK CONSTRUCTION INC MILLWRIGHT DIVISION	105 INDUSTRIAL DRIVE	BALD KNOB	AR	72010
WHITE STAR CONSTRUCTION INC	6175 MIZE ROAD	SHAWNEE	KS	66226
WHITEHEAD FARMS CONSTRUCTION INC	2468 300TH AVE	SIDNEY	IA	51652
WHITING TURNER CONTRACTING CO THE	300 E JOPPA RD	BALTIMORE	MD	21286
WIDEWATERS CONSTRUCTION INC	5786 WIDEWATERS PARKWAY	DEWITT	NY	13214
WIGDAHL ELECTRIC COMPANY	625 PRATT BLVD	ELK GROVE VILLAGE	IL	60007
WILLIAM A RANDOLPH INC	820 LAKESIDE DR STE 3	GURNEE	IL	60031
WINFIELD CONTRACTORS INC	212 NORTH PRAIRIE STREET	WAPELLO	IA	52653
WINGATE ARCHITECTURAL MILLWORKS CO	7516 US 59 NORTH	NACOGDOCHES	TX	75964
WOODS CONSTRUCTION INC	4895 CEDARMERE DR	COLORADO SPRINGS	CO	80918
WR NEWMAN & ASSOCIATES INC	2854 LOGAN ST	NASHVILLE	TN	37211
WS BOWLWARE CONSTRUCTION INC	3140 W BRITTON RD STE 204	OKLAHOMA CITY	OK	73120
WYOMING EFFICIENCY CONTRACTORS INC	530 E COSTILLA STREET	COLORADO SPRINGS	CO	80903
XCEL MECHANICAL SYSTEMS INC	1710 W 130TH STREET	GARDENA	CA	90249
XENA HOMES INC	3901 100TH ST SW #6	LAKWOOD	WA	98499
YOKOGAWA CORPORATION OF AMERICA	2 DART RD	NEWNAN	GA	30265
YOUNG CONTRACTING SE INC	8215 ROSWELL RD BLDG 400	ATLANTA	GA	30350
YOUNGLOVE CONSTRUCTION LLC	2015 EAST 7TH STREET	SIOUX CITY	IA	51101
ZAPATA ENGINEERING PA	6302 FAIRVIEW RD STE 600	CHARLOTTE	NC	28210
ZERNCO INC	14033 SW TAWAKONI RD	AUGUSTA	KS	67010
ZIMMERMAN CONSTRUCTION COMPANY INC	12509 HEMLOCK ST	OVERLAND PARK	KS	66213
ZOLFO COOPER	101 EISENHOWER PKY 3RD FL	ROSELAND	NJ	07068

STATUTORY LIST OF CONTRACTORS BARRED FROM PUBLIC WORKS PROJECTS

The following is a list of contractor(s) who have been prosecuted and convicted of violating the Missouri Prevailing Wage Law, and whose Notice of Conviction has been filed with the Secretary of State pursuant to Section 290.330, RSMo. In addition, this list includes contractor(s) that have agreed to placement on the list maintained by the Secretary of State pursuant to Section 290.330 as a part of the resolution of criminal charges of violating the Missouri Prevailing Wage Law. Under this statute, no public body shall award a contract for public works to any contractor or subcontractor, or simulation thereof, during the time that such contractor or subcontractor's name appears on this state debarment list maintained by the Secretary of State.

Contractors Convicted of Violations of the Missouri Prevailing Wage Law

<u>Name of Contractor</u>	<u>Name of Officers</u>	<u>Address</u>	<u>Date of Conviction</u>	<u>Debarment Period</u>
Rycoblake Corp. Case No. 0916-CR03145 (Jackson County Cir. Ct.)		4212 SE Saddlebrook Cir Lee's Summit, MO 64082	7/13/11	7/13/11 to 7/13/12

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Contractors Agreeing to Placement on the Public Works Debarment List as Part of an Agreement Relating to Criminal Pleas

<u>Name of Contractor</u>	<u>Name of Officers</u>	<u>Address</u>	<u>Date of Conviction</u>	<u>Debarment Period</u>
Rycoblake Corp.		4212 SE Saddlebrook Cir Lee's Summit, MO 64082		7/13/11 to 12/1/12
Gerald Chevalier		4212 SE Saddlebrook Cir Lee's Summit, MO 64082		7/13/11 to 12/1/12

Dated this 2 day of August 2011.



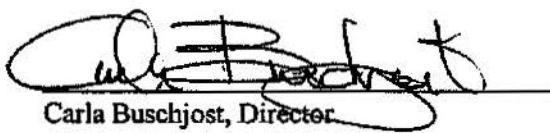
Carla Buschjost, Director

**ADDITION TO STATUTORY LIST OF CONTRACTORS
BARRED FROM PUBLIC WORKS PROJECTS**

The following is an addition to the list of contractor(s) who have been prosecuted and convicted of violating the Missouri Prevailing Wage Law, and whose Notice of Conviction has been filed with the Secretary of State pursuant to Section 290.330, RSMo. Under this statute, no public body is permitted to award a contract, directly or indirectly, for public works (1) to Mr. Saxon W. Johnson, (2) to any other contractor or subcontractor that is owned, operated or controlled by Mr. Saxon W. Johnson including The Tile Doctor or (3) to any other simulation of Mr. Saxon W. Johnson or of The Tile Doctor for a period of one year, or until September 2, 2012.

<u>Name of Contractor</u>	<u>Name of Officers</u>	<u>Address</u>	<u>Date of Conviction</u>	<u>Debarment Period</u>
Saxon W. Johnson DBA The Tile Doctor Case No. 10CA-CR01318 Cass County Cir. Ct.		10724 Haskins Ct Shawnee Mission, KS 66210	9/2/2011	9/2/2011-9/2/2012

Dated this 13 day of September 2011.


Carla Buschjost, Director

ADDITION TO STATUTORY LIST OF CONTRACTORS BARRED FROM PUBLIC WORKS PROJECTS

The following is an addition to the list of contractor(s) who have been prosecuted and convicted of violating the Missouri Prevailing Wage Law, and whose Notice of Conviction has been filed with the Secretary of State pursuant to Section 290.330, RSMo. Under this statute, no public body is permitted to award a contract, directly or indirectly, for public works (1) to Mr. Larry G. McElroy, (2) to any other contractor or subcontractor that is owned, operated or controlled by Mr. Larry G. McElroy including Blackhawk or (3) to any other simulation of Mr. Larry G. McElroy or of Blackhawk Electric for a period of one year, or until December 27, 2012.

<u>Name of Contractor</u>	<u>Name of Officers</u>	<u>Address</u>	<u>Date of Conviction</u>	<u>Debarment Period</u>
Larry G. McElroy DBA Blackhawk Electric Case No. 11CG-CR01157 Cape Girardeau County Cir. Ct.		254 E. Lake Dr., PO Box 248 Cape Girardeau, MO 63701	12/27/2011	12/27/2011-12/27/2012

Dated this 26 day of January, 2012.



Carla Buschjost, Director

**ADDITION TO STATUTORY LIST OF CONTRACTORS
BARRED FROM PUBLIC WORKS PROJECTS**

The following is an addition to the list of contractor(s) who have been prosecuted and convicted of violating the Missouri Prevailing Wage Law, and whose Notice of Conviction has been filed with the Secretary of State pursuant to Section 290.330, RSMo. Under this statute, no public body is permitted to award a contract, directly or indirectly, for public works (1) to Mr. Norman Bass, (2) to any other contractor or subcontractor that is owned, operated or controlled by Mr. Norman Bass including Municipal Construction Incorporated or (3) to any other simulation of Mr. Norman Bass or of Municipal Construction Incorporated for a period of one year, or until February 1, 2013.

<u>Name of Contractor</u>	<u>Name of Officers</u>	<u>Address</u>	<u>Date of Conviction</u>	<u>Debarment Period</u>
Norman Bass DBA Municipal Construction Incorporated Case No. 12SO-CR00103 Scott County Cir. Ct.		10150 Hawthorne Ridge Goodrich, MI 48438	2/01/12	2/01/2012-2/01/2013

Dated this 17 day of February, 2012.



Carla Buschjost, Director

The Secretary of State is required by sections 347.141 and 359.481, RSMo 2000, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to dissolutions@sos.mo.gov.

NOTICE OF DISSOLUTION TO ALL CREDITORS AND CLAIMANTS AGAINST MC MELLEY INVESTMENTS LLC

McMellely Investments LLC was dissolved on the ~~21st~~ day of June, 2012. Any and all claims against McMellely Investments LLC may be sent to Spencer Fane Britt & Browne LLP, 1000 Walnut Street, Suite 1400, Kansas City, Missouri, 64106, Attention: Laura A. Hederstedt. Each claim should include the following: the name, address, and telephone number of the claimant; the amount of the claim; and the basis of the claim. Any and all claims against McMellely Investments LLC will be barred unless a proceeding to enforce the claim is commenced within three years after the date of this publication.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST RAY-KEN MANAGEMENT COMPANY, LC

On July 5, 2012, RAY-KEN MANAGEMENT COMPANY, LC, a Missouri Limited Liability Company, filed its notice of winding up for limited liability company with the Missouri Secretary of State.

RAY-KEN MANAGEMENT COMPANY, LC requests that all persons or organizations with claims against it present them immediately by letter to:

RAY-KEN MANAGEMENT COMPANY, LC
ATTN: Dan R. Nelson
1845 S. National Ave.
Springfield, MO 65804

All claims must include:

1) Name, address, and phone number of the claimant; 2) the amount claimed; 3) the basis for the claim; 4) the date(s) on which the event(s) on which the claim is based occurred; and 5) documentation supporting the claim.

NOTICE: Because of the dissolution of RAY-KEN MANAGEMENT COMPANY, LC any claims against it will be barred unless a proceeding to enforce the claim is commenced within three years after the publication date of the three notices authorized by RSMo 347.141, whichever is published last.

LCI Properties, LLC, a Missouri limited liability company (the "Company") filed a Notice of Winding Up with the Missouri Secretary of State Office, Corporations Division on June 19, 2012. Pursuant to Section 347.141 of the Missouri Limited Liability Company Act, persons with claims against the Company should present them in accordance with such Notice of Winding Up. In order to file a claim with the Company, you must first furnish the (i) amount of the claim, (ii) basis for the claim, and (iii) documentation of the claim. Claims must be mailed to CT Corporation System, 120 South Central Avenue, Clayton, Missouri 63105. A claim against the Company will be barred unless a proceeding to enforce the claim is commenced within three years after the publication of this notice.

**NOTICE OF CORPORATE DISSOLUTION
TO ALL CREDITORS OF AND CLAIMANTS AGAINST
SALEM INSURANCE AGENCY, INC.**

On December 23, 2011, **Salem Insurance Agency, Inc.**, filed its articles of dissolution with the Missouri Secretary of State. The dissolution was effective on December 19, 2011. You are hereby notified that if you believe you have a claim against Salem Insurance Agency, Inc., you must submit a summary in writing of the circumstances surrounding your claim to the Corporation at **100 West Fourth Street, Salem, Missouri 65560 or P.O. Box 578, Salem, Missouri 65560**. The summary of your claim must include the following information:

1. The name, address and telephone number of the claimant.
2. The amount of the claim.
3. The date on which the event on which the claim is based occurred.
4. A brief description of the nature of the debt or the basis for the claim.

All claims against Corporation will be barred unless the proceeding to enforce the claim is commenced within two years after the publication of this notice.

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*, citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year—30 (2005) and 31 (2006). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

Rule Number	Agency	Emergency	Proposed	Order	In Addition
1 CSR 10	OFFICE OF ADMINISTRATION State Officials' Salary Compensation Schedule				35 MoReg 1815
DEPARTMENT OF AGRICULTURE					
2 CSR 30-2.020	Animal Health		37 MoReg 907		
2 CSR 70-10.025	Plant Industries		37 MoReg 1141		
2 CSR 70-10.075	Plant Industries		37 MoReg 1141		
2 CSR 70-25.065	Plant Industries		37 MoReg 571	37 MoReg 1186	
2 CSR 70-30.110	Plant Industries		37 MoReg 571	37 MoReg 1186	
2 CSR 70-30.115	Plant Industries		37 MoReg 572	37 MoReg 1186	
2 CSR 80-1.010	State Milk Board		37 MoReg 573	37 MoReg 1186	
2 CSR 80-2.010	State Milk Board		37 MoReg 505R 37 MoReg 505	37 MoReg 1093R 37 MoReg 1093	
2 CSR 80-2.020	State Milk Board		37 MoReg 573	37 MoReg 1186	
2 CSR 80-2.030	State Milk Board		37 MoReg 573	37 MoReg 1187	
2 CSR 80-2.040	State Milk Board		37 MoReg 574	37 MoReg 1187	
2 CSR 80-2.050	State Milk Board		37 MoReg 574	37 MoReg 1187	
2 CSR 80-2.060	State Milk Board		37 MoReg 575	37 MoReg 1187	
2 CSR 80-2.070	State Milk Board		37 MoReg 575	37 MoReg 1187	
2 CSR 80-2.080	State Milk Board		37 MoReg 577	37 MoReg 1187	
2 CSR 80-2.091	State Milk Board		37 MoReg 577	37 MoReg 1188	
2 CSR 80-2.101	State Milk Board		37 MoReg 578	37 MoReg 1188	
2 CSR 80-2.110	State Milk Board		37 MoReg 578	37 MoReg 1188	
2 CSR 80-2.121	State Milk Board		37 MoReg 578	37 MoReg 1188	
2 CSR 80-2.130	State Milk Board		37 MoReg 579	37 MoReg 1188	
2 CSR 80-2.141	State Milk Board		37 MoReg 579	37 MoReg 1188	
2 CSR 80-2.151	State Milk Board		37 MoReg 580	37 MoReg 1189	
2 CSR 80-2.161	State Milk Board		37 MoReg 580	37 MoReg 1189	
2 CSR 80-2.170	State Milk Board		37 MoReg 581	37 MoReg 1189	
2 CSR 80-2.180	State Milk Board		37 MoReg 581	37 MoReg 1189	
2 CSR 80-4.010	State Milk Board		37 MoReg 581	37 MoReg 1189	
2 CSR 80-5.010	State Milk Board		37 MoReg 1089		
2 CSR 90-10	Weights and Measures				37 MoReg 1197
2 CSR 90-10.001	Weights and Measures		37 MoReg 1143		
2 CSR 90-10.011	Weights and Measures		37 MoReg 1143		
2 CSR 90-10.012	Weights and Measures		37 MoReg 1144		
2 CSR 90-10.013	Weights and Measures		37 MoReg 1144		
2 CSR 90-10.014	Weights and Measures		37 MoReg 1145		
2 CSR 90-10.020	Weights and Measures		37 MoReg 1148		
2 CSR 90-10.040	Weights and Measures		37 MoReg 1148		
2 CSR 90-10.090	Weights and Measures		37 MoReg 1148		
2 CSR 90-10.120	Weights and Measures		37 MoReg 1149		
DEPARTMENT OF CONSERVATION					
3 CSR 10-4.110	Conservation Commission		37 MoReg 1005		
3 CSR 10-5.222	Conservation Commission		37 MoReg 1005		
3 CSR 10-6.415	Conservation Commission		37 MoReg 582	37 MoReg 1042	
3 CSR 10-7.431	Conservation Commission		37 MoReg 1006		
3 CSR 10-7.433	Conservation Commission	N.A.		37 MoReg 1042	
		37 MoReg 1149			
3 CSR 10-7.435	Conservation Commission	N.A.		37 MoReg 1042	
3 CSR 10-7.440	Conservation Commission	N.A.		37 MoReg 1189	
3 CSR 10-7.455	Conservation Commission		37 MoReg 1006		37 MoReg 118
3 CSR 10-11.120	Conservation Commission		37 MoReg 582	37 MoReg 1043	
3 CSR 10-11.180	Conservation Commission		37 MoReg 583	37 MoReg 1043	
3 CSR 10-12.109	Conservation Commission		37 MoReg 583	37 MoReg 1043	
3 CSR 10-12.110	Conservation Commission		37 MoReg 583	37 MoReg 1043	
3 CSR 10-12.125	Conservation Commission		37 MoReg 584	37 MoReg 1043	
DEPARTMENT OF ECONOMIC DEVELOPMENT					
4 CSR 240-20.065	Public Service Commission		37 MoReg 315	37 MoReg 1044	
4 CSR 240-31.010	Public Service Commission	37 MoReg 1003	37 MoReg 1007		
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION					
5 CSR 20-100.200	Division of Learning Services		37 MoReg 507	37 MoReg 1190	
5 CSR 20-100.250	Division of Learning Services		37 MoReg 333	37 MoReg 1052	
5 CSR 20-400.150	Division of Learning Services		37 MoReg 509		
5 CSR 20-400.160	Division of Learning Services		37 MoReg 509		
5 CSR 20-400.170	Division of Learning Services		37 MoReg 510		
5 CSR 20-400.180	Division of Learning Services		37 MoReg 510		
5 CSR 20-400.190	Division of Learning Services		37 MoReg 511		
5 CSR 20-400.200	Division of Learning Services		37 MoReg 511		

Rule Changes Since UpdateAugust 15, 2012
Vol. 37, No. 16

Rule Number	Agency	Emergency	Proposed	Order	In Addition
5 CSR 20-400.250	Division of Learning Services		37 MoReg 511		
5 CSR 20-400.260	Division of Learning Services		37 MoReg 512		
5 CSR 20-400.280	Division of Learning Services		37 MoReg 512		
5 CSR 20-500.330	Division of Learning Services		37 MoReg 908		
5 CSR 30-261.025	Division of Financial and Administrative Services		37 MoReg 912		
DEPARTMENT OF TRANSPORTATION					
7 CSR 10-25.010	Missouri Highways and Transportation Commission				37 MoReg 1106
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS					
8 CSR 10-3.010	Division of Employment Security		37 MoReg 679	This Issue	
DEPARTMENT OF MENTAL HEALTH					
9 CSR 10-31.040	Director, Department of Mental Health		37 MoReg 335	37 MoReg 1093	
9 CSR 45-2.010	Division of Mental Retardation and Developmental Disabilities		37 MoReg 337	37 MoReg 1190	
9 CSR 45-2.015	Division of Mental Retardation and Developmental Disabilities		37 MoReg 352	37 MoReg 1190	
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19 CSR 25-30.011	State Public Health Laboratory		37 MoReg 1009		
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20 CSR	Applied Behavior Analysis Maximum Benefit			37 MoReg 472	
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20 CSR 200-12.030	Insurance Solvency and Company Regulation		37 MoReg 238	37 MoReg 1057	
20 CSR 200-18.030	Insurance Solvency and Company Regulation	37 MoReg 150	37 MoReg 168	37 MoReg 1094	
20 CSR 700-1.160	Insurance Licensing	37 MoReg 150	37 MoReg 171	37 MoReg 1094	
20 CSR 1100-2.020	Division of Credit Unions		37 MoReg 971		
20 CSR 1100-2.030	Division of Credit Unions		37 MoReg 972		
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20 CSR 1100-2.100	Division of Credit Unions		37 MoReg 973		
20 CSR 1100-2.170	Division of Credit Unions		37 MoReg 973		
20 CSR 2110-2.010	Missouri Dental Board		37 MoReg 604	37 MoReg 1195	
20 CSR 2110-2.030	Missouri Dental Board		37 MoReg 604	37 MoReg 1196	
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20 CSR 2110-2.070	Missouri Dental Board		37 MoReg 605	37 MoReg 1196	
20 CSR 2150-4.201	State Board of Registration for the Healing Arts		37 MoReg 178	37 MoReg 1059	
20 CSR 2150-4.203	State Board of Registration for the Healing Arts		37 MoReg 179	37 MoReg 1060	
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20 CSR 2197-1.040	Board of Therapeutic Massage		37 MoReg 1089		
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Department of Economic Development			
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4 CSR 240-31.010 Definitions	37 MoReg 1003	June 1, 2012	Feb. 28, 2013
Department of Social Services			
MO HealthNet Division			
13 CSR 70-10.110 Nursing Facility Reimbursement Allowance	37 MoReg 1131	July 1, 2012	Dec. 28, 2012
13 CSR 70-15.010 Inpatient Hospital Services Reimbursement Plan; Outpatient Hospital Services Reimbursement Methodology	37 MoReg 1131	July 1, 2012	Dec. 28, 2012
13 CSR 70-15.110 Federal Reimbursement Allowance (FRA)	37 MoReg 1132	July 1, 2012	Dec. 28, 2012
13 CSR 70-15.160 Prospective Outpatient Hospital Services Reimbursement Methodology	37 MoReg 1134	July 1, 2012	Dec. 28, 2012
13 CSR 70-15.220 Disproportionate Share Hospital Payments	37 MoReg 1135	July 1, 2012	Dec. 28, 2012
Elected Officials			
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15 CSR 50-4.030 Missouri MOST 529 Matching Grant Program	37 MoReg 731	April 15, 2012	Jan. 23, 2013
Department of Insurance, Financial Institutions and Professional Registration			
Missouri Dental Board			
20 CSR 2110-2.170 Fees	Next Issue	Aug. 5, 2012	Feb. 28, 2013
State Board of Pharmacy			
20 CSR 2220-4.010 General Fees	This Issue	July 31, 2012	Feb. 28, 2013

**Executive
Orders****Subject Matter****Filed Date****Publication****2012**

12-08	Authorizes the State Soil and Water Districts Commission to implement an emergency cost-share program to address water challenges to landowners engaged in livestock or crop production due to the current drought. Additionally, it establishes the Agriculture Water Resource Technical Review Team.	July 23, 2012	Next Issue
12-07	Declares a state of emergency, directs the Missouri State Emergency Operations Plan be activated, and extends Executive Order 12-06 to Oct. 1, 2012, in response to the severe heat, dry conditions, and fire risks affecting the state.	July 23, 2012	Next Issue
12-06	Activates the Missouri State Emergency Operations Center and directs the State Emergency Management Agency, State Fire Marshall, Adjutant General, and such other agencies to coordinate with local authorities affected by fire danger due to the prolonged period of record heat and low precipitation	June 29, 2012	37 MoReg 1139
12-05	Extends Executive Orders 11-06, 12-03, 11-07, 11-11, 11-14, and 12-04 until June 1, 2012	March 13, 2012	37 MoReg 569
12-04	Activates the state militia in response to severe weather that began on February 28, 2012	Feb. 29, 2012	37 MoReg 503
12-03	Declares a state of emergency and directs that the Missouri State Emergency Operations Plan be activated due to the severe weather that began on February 28, 2012	Feb. 29, 2012	37 MoReg 501
12-02	Orders the transfer of all authority, powers, and duties of all remaining audit and compliance responsibilities relating to Medicaid Title XIX, SCHIP Title XXI, and Medicaid Waiver programs from the Dept. of Health and Senior Services and the Dept. of Mental Health to the Dept. of Social Services effective Aug. 28, 2012, unless disapproved within sixty days of its submission to the Second Regular Session of the 96th General Assembly	Jan. 23, 2012	37 MoReg 313
12-01	Designates members of the governor's staff to have supervisory authority over certain departments, divisions, and agencies	Jan. 23, 2012	37 MoReg 311

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11-25	Extends the declaration of emergency contained in Executive Order 11-06 (and extended by Executive Orders 11-09, 11-19, and 11-23) until March 15, 2012, unless extended in whole or part by subsequent order. Further Executive Orders 11-07, 11-11, and 11-14 are extended until March 15, 2012, unless extended in whole or part by subsequent order	Dec. 14, 2011	37 MoReg 95
11-24	Designates members of the governor's staff to have supervisory authority over certain departments, divisions, and agencies	Nov. 18, 2011	37 MoReg 5
11-23	Extends Executive Order 11-20 until October 15, 2011, and extends Executive Orders 11-06, 11-07, 11-08, 11-11, 11-14, and 11-18 until December 18, 2011	Sept. 13, 2011	36 MoReg 2157
11-22	Designates members of the governor's staff to have supervisory authority over certain departments, divisions, and agencies	July 26, 2011	36 MoReg 1979
11-21	Authorizes the Joplin Public School system to immediately begin to retrofit, equip, and furnish various buildings to house students during the 2011-2012 school year without requiring advertisements for bids	June 17, 2011	36 MoReg 1800
11-20	Extends certain terms of Executive Order 11-12 to help Missouri citizens impacted by the Joplin tornado of April 22, 2011	June 17, 2011	36 MoReg 1798
11-19	Extends certain terms of Executive Orders 11-06, 11-07, 11-08, 11-10, 11-11, 11-13, 11-14, 11-15, 11-16, and 11-18 until September 15, 2011	June 17, 2011	36 MoReg 1796
11-18	Activates the state militia in response to flooding events occurring and threatening along the Missouri River	June 8, 2011	36 MoReg 1739
11-17	Establishes the State of Missouri Resource, Recovery & Rebuilding Center in the City of Joplin in response to a tornado that struck there on May 22, 2011	June 7, 2011	36 MoReg 1737
11-16	Authorizes the Joplin Public Schools to immediately begin to retrofit and furnish warehouse and retail structures to house district programs displaced by the tornado and severe storms on May 22, 2011, without requiring advertisements for bids	June 3, 2011	36 MoReg 1735

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11-15	Authorizes the Joplin Public School system to immediately rebuild, restore, and/or renovate Emerson Elementary, Kelsey Norman Elementary, Old South Middle School, and Washington Education Center without requiring advertisement for bids	June 1, 2011	36 MoReg 1594
11-14	Activates the state militia in response to a tornado that hit the City of Joplin on May 22, 2011	May 26, 2011	36 MoReg 1592
11-13	Authorizes the Joplin Public Schools system to immediately begin rebuilding and replacing the materials for three of its buildings that were destroyed in a tornado that struck on May 22, 2011, without requiring advertisement for bids	May 26, 2011	36 MoReg 1590
11-12	Orders the director of the Department of Insurance, Financial Institutions and Professional Registration to temporarily waive, suspend, and/or modify any statute or regulation under his purview in order to best serve the interests of those citizens affected by the tornado that hit the city of Joplin on May 22, 2011	May 26, 2011	36 MoReg 1587
11-11	Orders the director of revenue to issue duplicate or replacement license, nondriver license, certificate of motor vehicle ownership, number plate, or tabs lost or destroyed as a result of the tornado that hit the city of Joplin and to waive all state fees and charges for such duplicate or replacement	May 26, 2011	36 MoReg 1585
11-10	Orders the Missouri Department of Health and Senior Services and the State Board of Pharmacy to temporarily waive certain rules and regulations to allow medical practitioners and pharmacists responding to the tornado and severe storms in Joplin to best serve the interests of public health and safety	May 24, 2011	36 MoReg 1583
11-09	Extends Executive Orders 11-06, 11-07, and 11-08 through June 20, 2011	May 20, 2011	36 MoReg 1581
11-08	Activates the state militia in response to severe weather that began on April 22	April 25, 2011	36 MoReg 1449
11-07	Gives the director of the Department of Natural Resources the authority to temporarily suspend regulations in the aftermath of severe weather that began on April 22	April 25, 2011	36 MoReg 1447
11-06	Declares a state of emergency for the state of Missouri and activates the Missouri State Emergency Operations Plan due to severe weather that began on April 22	April 22, 2011	36 MoReg 1445
11-05	Orders the Missouri Department of Transportation to assist local jurisdictions in counties that: 1) received record snowfalls; and 2) continuing snow clearance exceeds their capabilities	Feb. 4, 2011	36 MoReg 883
11-04	Activates the state militia in response to severe weather that began on January 31, 2011	Jan. 31, 2011	36 MoReg 881
11-03	Declares a state of emergency exists in the state of Missouri and directs that the Missouri State Emergency Operations Plan be activated	Jan. 31, 2011	36 MoReg 879
11-02	Extends the declaration of emergency contained in Executive Order 10-27 and the terms of Executive Order 11-01 through February 28, 2011	Jan. 28, 2011	36 MoReg 877
11-01	Gives the Director of the Department of Natural Resources the authority to temporarily suspend regulations in the aftermath of severe winter weather that began on December 30	Jan. 4, 2011	36 MoReg 705

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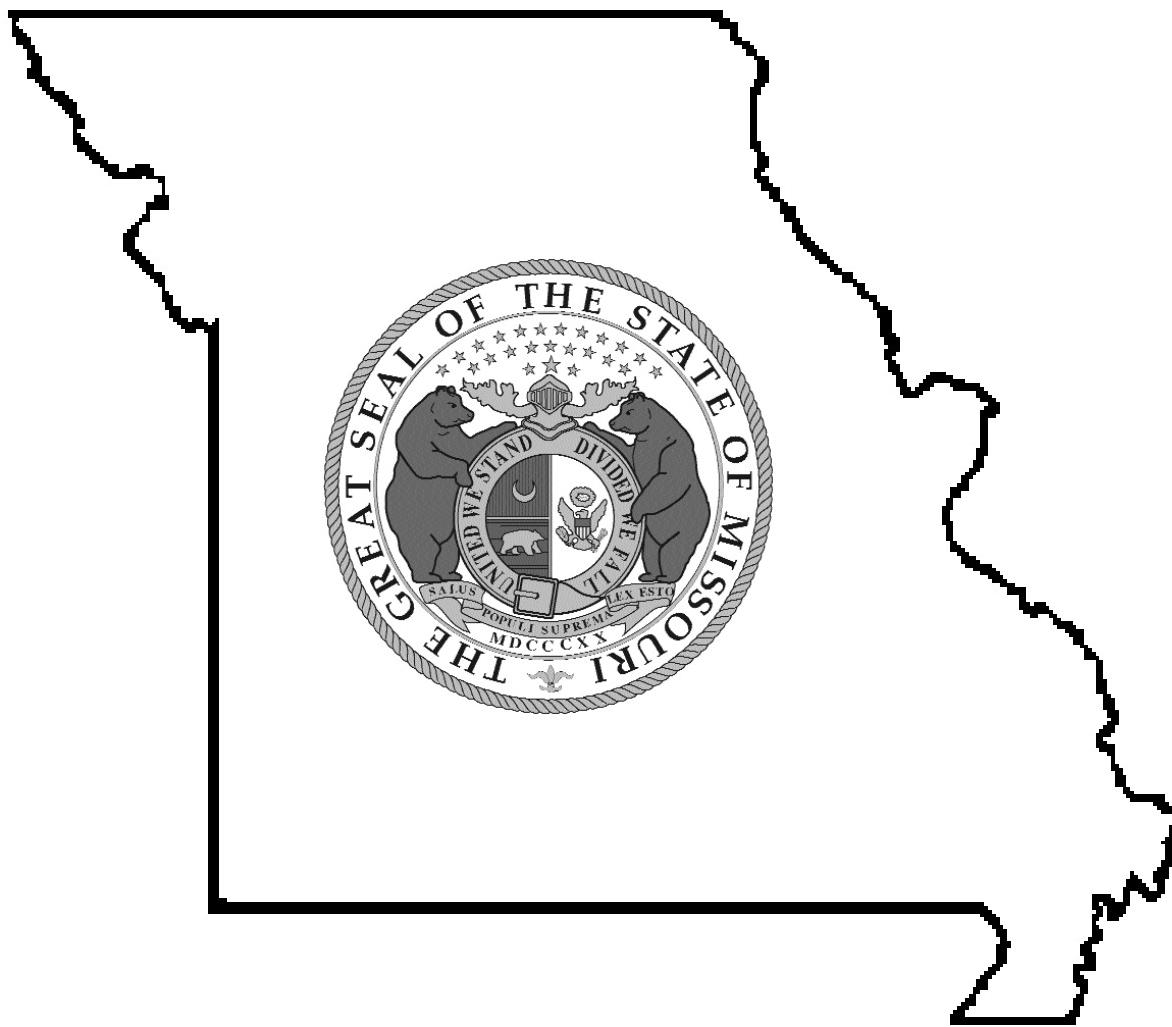
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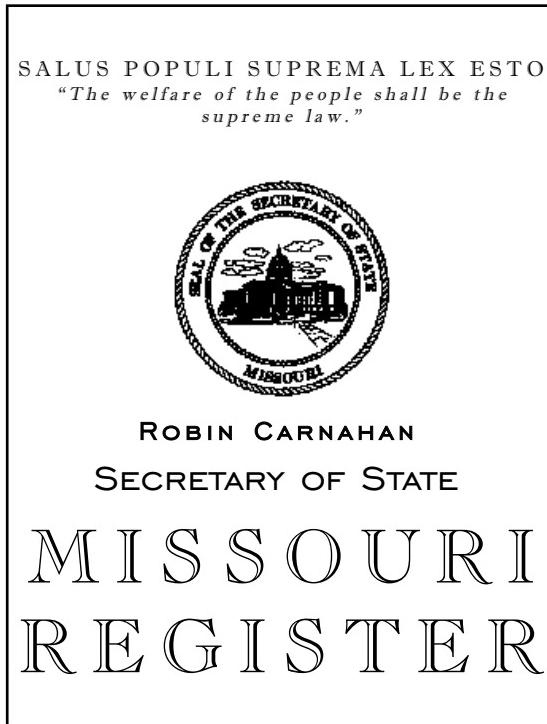


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Periodic Review of State Agency Rules and Non-Substantive Changes Provision

SB 469 and HB 1135 Truly Agreed To and Finally Passed by the 96th General Assembly, 2012 and signed by the governor will go into effect on August 28, 2012.

These bills require state agencies to periodically review all of their rules according to a schedule set out in statute. There are specific criteria that must be included in a report submitted to the Joint Committee on Administrative Rules and the Small Business Regulatory Fairness Board regarding the rule review. Failure to file the report shall result in the rule being void and of no further effect.

Also included in these bills is the authority for the secretary of state to make non-substantive changes in the *Code of State Regulations* per the filing of a request by a state agency with the Joint Committee on Administrative Rules and the secretary of state concurrently. A notice of the non-substantive change will be published in the *Missouri Register* after which the rule will be updated in the *Code of State Regulations*. Non-substantive changes include changes in department or division name information in response to statutory changes or executive orders, or to changes in state agency address, state agency telephone numbers, email addresses, or state agency website addresses.